

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-----------|--|--|---|----------------|---|---|
| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| SANSKRIT | | | | | | |
| POETRY. | | | | | | |
| 15 | Kanikādhīśvar Śrī Rājendra Nārāyan Bhanja Varmanah Parinaya Varnanā. Description of the Marriage of Rājendra Nārāyan Varman, Lord of Kanikā. | Sanskrit | Dāmodar Mīśra Sarmā. | Poetry. | Printed and published at the Rāy Press, Cuttack. | Printed by S. Rāy, and published by the author. |
| 16 | Kanikādhīśvar Śrī Rājendra Nārāyan Bhanja Varmanah Vivāhot-savah. The Marriage Festival of Rājendra Nārāyan Bhanja Varman, Lord of Kanikā. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 17 | Jarāsandha Vadham. The Slaying of Jarāsandha. | ditto ... | Tārinī Sankar Vidyaratna. | ditto ... | Printed at 102, Mechhuā Bazar Street, and published at the Hare School, Calcutta. | Printed by Thākur Dās Chatterji, and published by the author. |
| 18 | Chandan Champu Kāvya-m. A Poem in prose and verse on the Chandan (Festival.) | ditto ... | Govinda Rath. | ditto ... | Printed and published at the Darpan Ray Press, Cuttack. | Printed by Adam Samuel, and published by the author. |
| RELIGION. | | | | | | |
| 19 | Śrīmadbhagavadgītā. The Divine Lay. Parts V & VI (together.) (R.) | ditto ... | Rev. Gaur Govinda Rāy Upādhyāya. | Religion. (H.) | Printed at 24, Girī Vidyaratna's Lane, and published at 3, Ramā Nāth Majumdar's Street, Calcutta. | Printed by Sasī Bhūshan Bhaṭṭācāryya, and published by Tārakesvar Gānguli. |
| 20 | Stavakavachāmrita-lahari. Waves of the Nectar of Hymns and Kavachas (Protective verses). (R.) | ditto ... | Narendra Krishna Siromani. | ditto ... | Printed and published at 17, Nanda Kumār Chaudhuri's 2nd Lane, Calcutta. | Printed and published by Sarat Chandra Chakravarti. |
| 21 | Mahābhāratam. The Mahābhārata. Adī and Sabhā Parva. (R.) | ditto ... | Edited by Panchānan Tarkatāna Bhaṭṭācāryya. | ditto ... | Printed and published at 34/1, Kalutolā Street, Calcutta. | Printed and published by Arunoday Rāy. |
| 22 | Bhāratabhāvadīpa. Illuminator of the Sense of the Mahābhārata. (R.) | ditto ... | Edited by Aghor Nāth Banerji. | ditto ... | Printed and published at 26, Scott's Lane, Calcutta. | Printed and published by Sāyāl & Co. |
| 23 | Udvāha Chandraloka. The Moonlight of Marriage. | ditto ... | Mahāmahopādhyāy Chandra-Kānta Tarkalankār. | ditto ... | Printed at 17, Nanda Kumār Chaudhuri's 2nd Lane, Calcutta, and published at Serpur. | Printed by Sarat Chandra Chakravarti, and published by Hārān Chandra Chaturdhuri. |
| 24 | Purushasūktam. Hymn in honour of Purusha (God). | ditto ... | Dvārakānāth. | ditto ... | Printed and published at Ranchi. | Printed and published by Dvārakānāth. |
| 25 | Siva Tattva sār Vā Saiva Jīyan. Essence of Truth about Siva, or Valuable as Life to Followers of Siva. (R.) | ditto ... | Chintāmanī Praharāj. | ditto ... | Printed and published at Cuttack. | Printed by the Cuttack Printing Company, Limited, and published by the author. |
| 26 | Manasik Pūjā. Mental Worship. | ditto ... | Kirttivās Sata-pathī. | ditto ... | Printed and published at the Arunodaya Press, Cuttack. | Printed by B. P. Dān, and published by Chintāmanī Praharāj. |

Quarter ending 31st March 1900—continued.

| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|-------------------------------------|----------|----------------------------------|---|--------------------------|--|--|---|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| BOOKS—concl'd. | | | | | | | | | |
| 1899. | Pages. | | | | | Rs. A. P. | | | |
| Nov. 30th | 65 | 12mo dy | 1st... | 500 | Printed. | Nil. | .. .. | Contains verses describing the marriage of Rājendra Nārāyan Bhanja Varman of Kanikā in Orissa. | 15 |
| „ 30th | 68 | 12mo dy | 1st... | 500 | ditto ... | Nil. | ..... | Describes the festival in celebration of the Raja's marriage. | 16 |
| Feb. 8th | 65 | 8vo dy | 1st... | 500 | ditto ... | 1 0 0 | Tárinī Sankar Vidyaratna. | A poem describing the defeat and death of Jarāsandha, King of Magadha, by the Pāndava Prince Bhīma. It is written on the model of Māgha and Bhārabi and contains here and there passages of beauty and originality. | 17 |
| „ 2nd | 22 | 12mo dy | 1st... | 1,000 | ditto ... | 0 1 3 | The author, Bālabāzār, Cuttack. | Describes in prose and verse the Chandanayātrā festival held in honour of the god Jagannātha. | 18 |
| Dec. 29th | 128 | 8vo rl | 1st... | 5,000 | ditto ... | 0 12 0 | Gaur Govinda Rāy Upādhyāya, No. 3, Ramānāth Majumdar's Lane, Calcutta. | This volume brings the edition to a close. | 19 |
| „ 24th | 148 | 12mo dy | 1st... | 1,000 | ditto ... | 0 6 0 | S. C. Chakravartī, 17, Nandakumār Chaudhuri's 2nd Lane, Calcutta. | Is a collection of hymns in honour of different gods and goddesses. | 20 |
| 1900. | | | | | | | | | |
| Mar. 3rd | 284 | 8vo sr. | 1st... | 2,500 | ditto ... | 2 0 0 | J. C. Basu, 79, Harrison Road, Calcutta. | The publication of the Adi Parva is completed and that of the Sabhā Parva commenced in this number. | 21 |
| Feb. 15th | 116 | 12mo dy | 1st... | 1,000 | ditto ... | 4 8 0 | Aghornāth Banerji, Calcutta. | Being Nīlakantha's commentary on the Mahābhārata. The Adi Parva is not finished in this volume. | 22 |
| 1897. | | | | | | | | | |
| Oct. 16th | 192 | 8vo dy | 1st... | 500 | ditto ... | 1 8 0 | Chandra Kānta Tarkānākar, Chorbāgān, Calcutta. | Is an exhaustive compilation with exposition, of sastric texts relating to marriage, made in imitation of the Tattvas of Raghunandan and intended | 23 |
| also as an examination of his views on the subject. This is perhaps the first systematic attempt to review Raghunandan and as such, it will give a rude shock to orthodox pandits, who are apt to regard him as infallible. The book is written in pure idiomatic Sanskrit which very few pandits, if any, can write in these days. The metrical introduction giving an abstract of the topics discussed in the course of the book will be found to be of great value. The work is in every way worthy of the deep and varied scholarship of its author. | | | | | | | | | |
| 1900. | | | | | | | | | |
| Feb. 21st | 8 | 16mo dfc | 1st... | 500 | ditto ... | 0 0 6 | ..... | The well-known hymn of that name. | 24 |
| „ 7th | 24 | 12mo dy | 1st... | 1,000 | ditto ... | 0 2 0 | The author, Calcutta. | A collection of hymns in honour of the god Siva, written in the Uriyā character. | 25 |
| Mar. 5th | 14 | 12mo dy | 1st... | 1,000 | ditto ... | 0 1 0 | The publisher, College Lane, Cuttack. | Gives the ritual for the worship of different gods and goddesses, together with a number of hymns in their honour. The book is written in the Uriyā character. | 26 |

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| SANTALI | | | | | | |
| | RELIGION. | | | | | |
| 1 | The Minor Prophets. (T.) | Santali. | Rev. F. T. Cole | Religion (C.) | Printed and published at Pokhuria, Manbhum. | Printed and published by A. Campbell. |
| TIBETAN | | | | | | |
| | RELIGION. | | | | | |
| 1 | Bgyayul-du-Bla n d o r Lunbestan gnamy ig Phebs-pa-bod-skad-dubgyur-wabshuga-so. | Tibetan. | Fashi Wangaip La. | ditto ... | Printed at 41, Lower Circular Road, Calcutta, and published at Kalimpong, Darjeeling. | Printed by Rev. J. W. Thomas, and published by the editor. |
| URDU | | | | | | |
| | MISCELLANEOUS. | | | | | |
| 1 | Akhtar-e-Mahammadi. The Star of Islām. | Urdu. | Mabtilā Hos-sain. | Miscellaneous. | Lithographed and published at 104, Lower Chitpur Road, Calcutta. | Lithographed by Ahmed Reza, and published by Abdul Gafur. |
| 2 | Aftāb-e-Islām. The Sun of Islām. | ditto ... | Saikh Korbān Ali. | ditto ... | Lithographed at 132, Harrison Road and published at 48, Satu Sarkār's Lane, Calcutta. | Lithographed by Fakhraddin, and published by the author. |
| 3 | Ainā-e-Rasul, Part II. Divine Mirror. | ditto ... | Khājā Mahammad Shāh. | ditto ... | Lithographed and published at 109, Lower Chitpur Road, Calcutta. | Lithographed by Ahmad Reza, and published by Abdul Gafur. |
| | RELIGION. | | | | | |
| 4 | Hedayet-ul-Arefin. Instruction for the Pious. | ditto ... | Abdul Ahed Shāh. | ditto ... | Lithographed and published at 104, Lower Chitpur Road, Calcutta. | Lithographed by Abdul Majid, and published by Abdul Gafur. |
| 5 | Dafens Sayes-Letā id-e-Mazhāb-e-Hanifā. Destroyer of Sins, a Help to the Hanafī School of Islām. | ditto ... | Mabārak Ali. | ditto ... | ditto ditto ... | ditto ditto ... |
| URIYA | | | | | | |
| | DRAMA. | | | | | |
| 1 | Sitā Vivāha. Marriage of Sitā. | Uriya. | Rāmlāl Misra. | Drama. | Printed and published at Cuttack. | Printed by B. P. Dān, and published by Abhirām Bhanja. |
| 2 | Premalātā Natak. Drama (describing the story) of Premalātā. | ditto ... | Yuvarāj Vīra Vikram Deva Khariāl. | ditto ... | Printed and published at the Cuttack Printing Co's Press, Cuttack. | Printed and published by the Cuttack Printing Company, Limited. |
| 3 | Chandrāvatī Haran Suānga. Drama describing the story of the abduction of Chandrāvatī. | ditto ... | Bhikārī Nāyak. | ditto ... | Printed and published at the Arunoday Press, Cuttack. | Printed by B. P. Dān, and published by Kesava Chandra Dān. |
| 4 | Ditto ditto ... | ditto ... | Lakshmi Nārāyan Das. | ditto ... | Printed and published at Cuttack. | Printed by Madan Mohan Nāyak, and published by Lok Nāth Sāhu. |
| | HISTORY (INCLUDING GEOGRAPHY). | | | | | |
| | <i>The following work is designed for educational purposes.</i> | | | | | |
| 5 | Utkal Bhūgol. Geography of Orissa. | ditto ... | Sītānāth Rāy. | History (including Geography). | Printed and published at the Rāy Press, Cuttack. | Printed and published by S. Rāy |

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| BOOK. | | | | | | | | | |
| 1900 | Pages. | | | | | Rs. A. P. | | | |
| Mar. 11th | 50 | 8vo dy | 1st... | 500 | Printed | | | Translated into Santali. | 1 |
| BOOK. | | | | | | | | | |
| 1899. | | | | | | | | | |
| Dec. 29th | 16 | 4to f.c. | 1st... | 200 | ditto ... | ..... | ..... | ..... | 1 |
| BOOKS. | | | | | | | | | |
| 1900. | | | | | | | | | |
| Jan. 22nd | 69 | 8vo dy | 1st... | 1,000 | Lithographed. | ..... | Abdul Gafur. | Verses narrating the birth of the prophet, and intended for recital at the <i>Manbud</i> ceremony. | 1 |
| „ 1st | 116 | 8vo rl. | 1st... | 500 | ditto ... | 0 6 0 | ..... | Contains some stories connected with the birth of Muhammad. | 2 |
| Feb. 15th | 96 | 8vo dy | 1st... | 1,000 | ditto ... | 0 4 0 | ..... | ditto ditto ... | 3 |
| 1899. | | | | | | | | | |
| Dec. 28th | 28 | 8vo rl. | 1st... | 1,000 | ditto ... | ..... | Abdul Gafur. | A collection of the teachings of the Sufi sect. | 4 |
| 1900. | | | | | | | | | |
| Feb. 14th | 36 | 8vo dy | 1st... | 1,000 | ditto ... | 0 3 0 | ditto ... | A collection of the teachings of Islam. | 5 |
| BOOKS. | | | | | | | | | |
| 1899. | | | | | | | | | |
| Dec. 29th | 117 | 12mo dy | 1st... | 500 | ditto... | 0 10 0 | Rāmpāl Misra. | The story of the marriage of Sita dramatised. | 1 |
| 1900. | | | | | | | | | |
| Jan. 30th | 52 | 8vo f.c. | 1st... | 1,000 | ditto ... | 0 4 0 | The author. | Is a love story relating to the marriage of Prince Makarke-tan with the Princess Premalata, in which a number of fairies, both male and female, take a prominent part. | 2 |
| Mar. 7th | 32 | 12mo dy | 7th... | 1,000 | ditto ... | 0 1 6 | Kesava Chandra Dén, Dewán Bazar, Cuttack. | Often noticed. | 3 |
| Jan. 3rd | 24 | 12mo dy | 1st... | 1,000 | ditto ... | 0 1 6 | Lakshmi Nārāyan Dās, Bak-rabad, Cuttack. | ditto ditto ... | 4 |
| 1899. | | | | | | | | | |
| Dec. 31st | 25 | 12mo dy | 6th... | 1,000 | ditto ... | 0 2 0 | | | 5 |

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| | LANGUAGE. | | | | | URIYA |
| | <i>The following works are designed for educational purposes.</i> | | | | | |
| 6 | Varnejñān. The Knowledge of the Alphabet. | Uriya. | Kālī prasad Dās. | Language. | Printed and published at Balasore. | Printed by K. P. Dās, and published by the author. |
| 7 | Saral Varna Vijnān. An easy Alphabetical Primer. Parts I and II (together). | ditto ... | Vinod Vihari D. | ditto ... | Printed and published at the Vinod Press, Balasore. | Printed and published by the author. |
| 8 | Sulabh Akshar Parichaya. Cheap Alphabetical Primer, Part I. | ditto ... | Bhagavati Charan Dās. | ditto ... | Printed and published at the Arunoday Press, Cuttack. | Printed by B. P. Dān, and published by the author. |
| 9 | Tritiyapāthiara Vyākhyā. A Key to Tritiyapāth. | ditto ... | Saikh Maniruddin. | ditto ... | Printed and published at Cuttack. | ditto ditto ... |
| 10 | Pratham Pāth. First Reader. | ditto ... | Sitānāth Rāy. | ditto ... | Printed and published at the Rāy Press, Cuttack. | Printed and published by S. Rāy. |
| 11 | Rachana Siksha. Instruction in Composition. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| | LAW. | | | | | |
| 12 | Kānji Hans Ain. The Cattle Trespass Act. (T) | ditto ... | Srikrishna Mahāpātra, | Law. | Printed at the Orissa Patriot Press, and published at Bakrabād, Cuttack. | Printed by Madan Mohan Niyak, and published by Sri Krishna Mahāpātra. |
| 13 | Polis Ain O Kāryya Pranālī. The Police Act and Procedure. (T) | ditto ... | ditto ... | ditto ... | Printed and published at Cuttack. | Printed and published by the Cuttack Printing Company. |
| | MISCELLANEOUS. | | | | | |
| 14 | Dhaga Mālikā. A Garland of Witty Sayings. Part I. | ditto ... | ..... | Miscellaneous. | Printed and published at the Arunoday Press, Cuttack. | Printed by B. P. Dān, and published by Kesava Chandra Dān. |
| | <i>The following work is designed for educational purposes.</i> | | | | | |
| 15 | Chātsālī Pāth. Pāthsālā Reader. | ditto ... | Sudarsan Nanda. | ditto ... | Printed and published at Cuttack. | Printed by B. P. Dān, and published by the author. |
| | POETRY. | | | | | |
| 16 | Kapat Pāsā. False Dice. | ditto ... | Vinod Vihari Dē. | Poetry. | Printed and published at the Vinod Press, Balasore. | Printed and published by Vinod Vihari Dē. |
| 17 | Sunā Dei Kānda. The Weeping of Sunā Devi. | ditto ... | Narasinha Charan Dās and Vraja Mohan Nandī. | ditto ... | Printed and published at Cuttack. | Printed by Adam Samuel, and published by the author. |
| 18 | Pallichitra. Village Scenery. | ditto ... | Nanda Kisor Bal. | ditto ... | Printed at the Arunoday Press, and published at Dagarpāra, Cuttack. | Printed by B. P. Dān, and published by the author. |
| 19 | Yasodā Soka Chantisa. Phulatolā. Thirty-four verses on Jasodā's Lamentation. Culling of flowers. | ditto ... | Upendra Bhanja. | ditto ... | Printed and published at the Arunoday Press, Cuttack. | Printed and published by B. P. Dān. |
| 20 | Bhūt Keli. Playing the Ghost. | ditto ... | Dīna Krishna Dās. | | ditto ditto ... | ditto ditto ... |

Quarter ending 31st March 1900—continued.

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| BOOKS—contd. | | | | | | | | | |
| 1899: | Pages. | | | | | Rs. A. P. | | | |
| Dec. 28th | 47 | 12mo dy | 8th... | 1,000 | Printed. | 0 1 0 | Kāli Prasād Dās, Manik Khām, Balasore. | | 6 |
| " 20th | 32 | 8vo f.e. | 1st... | 1,000 | ditto ... | 0 1 0 | The author, Balasore. | ..... | 7 |
| 1900. | | | | | | | | | |
| Feb. 6th | 8 | 12mo dy | 1st... | 2,000 | ditto ... | 0 0 6 | The author, Mahidas Bazar, Cuttack. | ..... | 8 |
| " 19th | 64 | 12mo dy | 1st... | 1,000 | ditto ... | 0 8 0 | The author, College Lane, Cuttack. | ..... | 9 |
| 1899. | | | | | | | | | |
| Dec. 31st | 52 | 12mo dy | 16th... | 2,000 | ditto ... | 0 1 0 | ..... | ..... | 10 |
| " 31st | 66 | 16mo rl. | 6th... revised. | 1,000 | ditto ... | 0 4 0 | ..... | ..... | 11 |
| 1900. | | | | | | | | | |
| Jan. 12th | 38 | 12mo dy | 1st... | 1,000 | ditto ... | 0 5 0 | Sri Krishna Mahapatra, Bakrabad, Cuttack. | An Uriya translation of the Cattle Trespass Act with notes. | 12 |
| Feb. 17th | 188 | 16mo d. c. r. | 1st... | 2,000 | ditto ... | 0 11 0 | ditto ... | Contains Act V of 1861, VII of 1869 (B. C.), and III of 1888, all the sections of the Criminal Procedure Code that concern police work, with notes and rules of the Police Code, and various other information. | 13 |
| " 6th | 17 | 12mo dy | 2nd... | 1,000 | ditto ... | 0 1 0 | Kesava Chandra Dān, Dewan Bazar, Cuttack. | Noticed in this Library Catalogue for the quarter ending 31st December 1896, as Uriya book, No. 1274. | 14 |
| Mar. 7th | 62 | 8vo cap. | 1st... | 3,000 | ditto ... | 0 1 6 | Sudarsan Nanda Sutabāt, Cuttack. | Contains the Uriya alphabet and Arithmetical tables. | 15 |
| Feb. 28th | 20 | 8vo fc. | 1st... | 1,000 | ditto ... | 0 1 6 | Vinod Vihārī Dē, Barabati, Balasore. | Often noticed. | 16 |
| " 15th | 12 | 16mo dy | 1st... | 1,000 | ditto ... | 0 1 0 | The authors, Chaudhuri Bazar, Cuttack. | Describes a newly-married girl's weeping and sobbing while on her way to her husband's house. | 17 |
| " 12th | 26 | 16mo d. f. c. | 1st... | 500 | ditto ... | 0 2 0 | Nanda Kisor Bal, Dagarpārī, Cuttack. | Gives a short description of a village in verse. | 18 |
| " 12th | 8 | 16mo dy | 1st... | 1,000 | ditto ... | 0 0 6 | Sadasiva Datta and others, Khatbinsahi, Cuttack. | The title indicates the contents. | 19 |
| Jan. 15th | 43 | 12mo dy | 1st... | 1,000 | ditto ... | 0 2 0 | Bhāgavat Prasād Dān, Dewan Bazar, Cuttack. | The story of Krishna playing the ghost with the object of terrifying the husband of Rādhikā, whose unexpected appearance threatened to interrupt his amour with the lady. | 20 |

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| | POETRY— <i>concl'd.</i> | | | | | URIYA |
| 21 | Manoranjan. The Delight of the Mind. | Uriya. | Govinda Rath | Poetry. | Printed and published at Cuttack. | Printed by Kapileswar Vidyābhūṣan, and published by the author. |
| 22 | Rādhā Krishna Milan Chautisā. Thirty-four Verses on the meeting of Rādhā with Krishna. | ditto ... | Sudarsan Patanāyaka. | ditto ... | Printed and published at the Arunoday Press, Cuttack. | Printed by B. P. Dān, and published by Pānu Sāhu. |
| | RELIGION. | | | | | |
| 23 | Sītāchorī O Surpanakhā Durdasā. Abduction of Sītā and the Misery of Śarpanakhā. | ditto ... | Chintāmani Praharāj. | Religion (H.) | Printed at the Orissa Patriot Press, and published at Sahebzādā Bazar, Cuttack. | Printed by Madan Mohan Nāyaka, and published by the author. |
| 24 | Atanga Nisan Chautisā. Thirty-four Verses calculated to destroy Fear. | ditto ... | Mahārāj Yadu Nāth Dev. | ditto ... | Printed and published at the Cuttack Printing Company's Press, Cuttack. | Printed and published by the Cuttack Printing Co., Limited. |
| 25 | Sarva Mangalā Stuti. Hymns to Sarva Mangalā. | ditto ... | Hridānanda. | ditto ... | Printed and published at the Arunoday Press, Cuttack. | Printed by B. P. Dān, and published by Nityānanda Sāhu. |
| 26 | Gajanistāraṇ. The Rescue of the Elephant. | ditto ... | Jagannāth Dās. | ditto ... | ditto ditto ... | Printed by B. P. Dān, and published by Pānu Sāhu. |
| 27 | Sūryya Māhātmya. The Greatness of the Sun-God. | ditto ... | ..... | ditto ... | ditto ditto ... | Printed by B. P. Dān, and published by Govinda Rath. |
| 28 | Chhatis Gupta Tīkā. Elucidation of Thirty-six Esoteric Topics. | ditto ... | Valarām Dās. | ditto ... | ditto ditto ... | Printed by B. P. Dān, and published by Madhusūdan Datta. |
| 29 | Trinātha Melā. The Fair in honour of Trinātha. | ditto ... | ..... | ditto ... | Printed and published at the Darpanarāj Press, Cuttack. | Printed by Adam Samuel, and published by Mohan Nāyaka. |
| 30 | Ditto ditto ... | ditto ... | ..... | ditto ... | Printed and published at Contai. | Printed and published by Madhu Sūdan Jānā. |
| 31 | Rādhāstami Vrata. The Vow called Rādhāstami. | ditto ... | ..... | ditto ... | ditto ditto ... | ditto ditto ... |
| 32 | Sārada Mangal. The Auspicious Story of Sārada (Durgā). | ditto ... | ..... | ditto ... | ditto ditto ... | ditto ditto ... |
| 33 | Srīmadbhāgavat. Of the Lord. Tenth Skandha. No. 1. | ditto ... | ..... | ditto ... | ditto ditto ... | ditto ditto ... |
| 34 | Rāsa Līlā. Rāsa Sports. | ditto ... | Madhu Sūdan Jānā. | ditto ... | ditto ditto ... | ditto ditto ... |
| 35 | Naya Sanhitā. New Collection. (T.) | ditto ... | Srīmatī Sarasvatī Devī. | ditto (B.) | Printed and published at Cuttack. | Printed by B. P. Dān, and published by the translator. |
| 36 | Khrīshṭiyān Mandahr Gita. Christian songs. | ditto ... | Rev. J. Tymmere. | ditto (C.) | Printed and published at the Orissa Mission Press, Cuttack. | Printed and published by the Rev. C. H. Harvey. |
| | SCIENCE (MATHEMATICAL). | | | | | |
| | <i>The following works are designed for educational purposes.</i> | | | | | |
| 37 | Prāimerī Kshetra Parimān O Jamidārī Hisāb. Primary Mensuration and Zamindari Accounts. | ditto ... | Sītānāth Rāy. | Science (Mathematical). | Printed and published at the Rāy Press, Cuttack. | Printed and published by S. Rāy. |
| 38 | Saral Kshetra Parimān. Easy Mensuration. | ditto ... | Chakradhar Achāryya. | ditto ... | ditto ditto ... | ditto ditto ... |

Quarter ending 31st March 1900—continued.

| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|-------------------------------------|----------|----------------------------------|---|--------------------------|--|---|--|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| BOOKS—contd. | | | | | | | | | |
| 1899. | Pages. | | | | | Rs. A. P. | | | |
| Dec. 18th | 22 | 12mo dy | 6th... | 2,000 | Printed. | 0 1 6 | The author, Balu-bazar, Cuttack. | Noticed in pages 38-39 of this Library catalogue for the 3rd quarter of 1882. | 21 |
| 1900. Feb. 12th | 8 | 16mo dy | 1st... | 1,000 | ditto ... | 0 0 6 | Pānu Sāhu Khatbīnsāhi, Cuttack. | The title indicates the contents. | 22 |
| Mar. 9th | 14 | 12mo dy | 1st... | 1,000 | ditto ... | 0 1 0 | The author, Sāhebzādā Bazar, Cuttack. | ditto ditto ... | 23 |
| 1899. Dec. 18th | 13 | 16mo dy | 1st... | 500 | ditto ... | ..... | The author. | The verses referred to are those in honour of Krishna. | 24 |
| 1900. Mar. 7th | 8 | 8vo f.c. | 1st ... | 1,000 | ditto ... | 0 0 9 | Nityānanda Sāhu, Chaudhuri Bazar, Cuttack. | Often noticed. | 25 |
| " 7th | 9 | 16mo dy | 1st ... | 1,000 | ditto ... | 0 0 6 | Pānu Sāhu, Jagannāth Ballabh, Cuttack. | ditto ditto ... | 26 |
| Jan. 8th | 16 | 12mo dy | 2nd... | 1,000 | ditto ... | 0 1 3 | Govinda Rath Bankipathpur, Cuttack. | ditto ditto ... | 27 |
| " 8th | 24 | 12mo dy | 1st... | 1,000 | ditto ... | 0 1 6 | Madhu Sādan Datta, Khatbīnsāhi, Cuttack. | Purports to embody Krishna's lectures to Arjuna on esoteric topics. | 28 |
| Jan. 8th | 16 | 12mo dy | 7th... | 1,000 | ditto ... | 0 1 0 | Mohan Nāyak, Cuttack. | Often noticed. | 29 |
| Feb. 13th | 12 | 12mo dy | 2nd... | 1,000 | ditto ... | 0 0 6 | Madhu Sūdan Jānā, Contai. | ditto ditto ... | 30 |
| " 13th | 11 | 12mo dy | 2nd... | 1,000 | ditto ... | 0 0 6 | ditto ... | Observed on the eighth day of the bright fortnight in the month of Bhādra in commemoration of the birth of Rādhikā. | 31 |
| " 13th | 57 | 12mo dy | 2nd... | 1,000 | ditto ... | 0 2 0 | ditto ... | Often noticed. | 32 |
| " 10th | 128 | 8vo rl. | 1st... | 2,000 | ditto ... | 0 12 0 | ditto ... | ..... | 33 |
| Mar. 7th | 182 | 8vo dy | st... | 1,000 | ditto ... | 0 1 0 | ditto ... | Often noticed. | 34 |
| Mar. 12th | 110 | 12mo dy | 1st... | 1,000 | ditto ... | Gratis ... | The translator, Ganes Mandir, Cuttack. | An Uriya translation of the late Babu Kesav Chandra Sen's work on the principles of the New Dispensation written in English. | 35 |
| 1899. Dec. 30th | 76 | 12mo dy | 1st... | 2,000 | ditto ... | ..... | The author, Korapat. | ..... | 36 |
| " 31st | 26 | 12mo dy | 5th... | 1,500 | ditto ... | 0 1 0 | ..... | ..... | 37 |
| " 31st | 39 | 12mo dy | 8th... | 1,000 | ditto ... | 0 1 6 | ..... | ..... | 38 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|--|---------------------------------------|--|----------------------------|---|--|
| Number. | Title (to be translated into English when the title-page is not in that language). | Language in which the book is written | Name of author, translator or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| URIYA | | | | | | |
| SCIENCE (NATURAL AND OTHER.) | | | | | | |
| <i>The following works are designed for educational purposes.</i> | | | | | | |
| 39 | Saral Sarir-rakshar Prasnottar. A Catechism of Saral Sarirarakshá. | Uriya. | Visvanáth Kar. | Science (Natural & other). | Printed and published at the Ráy Press, Cuttack. | Printed by S. Ráy, and published by the author. |
| 40 | Svásthya-sádhana Prasnottar. A Catechism of Svásthya-sádhana. | ditto ... | Sitánáth Ráy. | ditto ... | ditto ditto ... | Printed and published by S. Ráy. |
| 41 | Saral Sarir-rakshá. Easy Preservation of Health. | ditto ... | Dr. Rámkrishna Sáhu. | ditto ... | Printed and published at the Cuttack Printing Co.'s Press, Cuttack. | Printed and published by the Cuttack Printing Co., Ltd. |
| BI-LINGUAL | | | | | | |
| I.—ARABIC AND | | | | | | |
| RELIGION. | | | | | | |
| 1 | Báyas Tírá Islám. The Third Reason of Omar's Acceptance of Islám. | Arabic and Hindi. | Maulvi Mahammad Sharful Huq. | Religion. M. | Printed and published at Ranchi. | Printed and published by Náráyan Tewári. |
| II.—ARABIC AND MUSALMANI. | | | | | | |
| 1 | Hazrat Muhammader begoná thákár v í s aye Musalmán Maulvi ganer Sikhshá. The teachings of the Ulama regarding the innocence of Muhammad. | Arabic and Masalmani Bengali. | J. Monro, C. S. | ditto (C.) | Printed at 41, Lower Circular Road, and published at 23, Chauranghi, Calcutta. | Printed by Rev. J. W. Thomas, and published by the Christian Tract and Book Society. |
| 2 | Taunbíl-ul Mofsedin. A Warning to Turbulents. | ditto ... | Saiyad Amánat Ali. | ditto (M.) | Printed at 4, Karey Goraathan Road, and published at Bawul Bári, Rungpur. | Printed by Reázuddin Ahmad, and published by S. T. Huq. |
| III.—ARABIC AND | | | | | | |
| MISCELLANEOUS. | | | | | | |
| 1 | Tazkár-ul-Maut. Sayings about Death. | Arabic and Urdu. | Azizer Rahman. | Miscellaneous. | Lithographed and published at 104, Lower Chitpur Road, Calcutta. | Lithographed by Ahmad Reza, and published by Abdul Gafur. |
| 2 | Tazkirá-e-Khafr. Good words. | ditto ... | Ahmed Hosian. | ditto ... | ditto ditto ... | ditto ditto ... |
| IV.—BENGALI AND | | | | | | |
| LANGUAGE. | | | | | | |
| <i>The following works are designed for educational purposes.</i> | | | | | | |
| 1 | A Complete Key to First Book of Reading. | Bengali and English. | Hari Charan De. | Language. | Printed at 51/2, Sukea's Street, and published at 63, College Street, Calcutta. | Printed by Adhar Chandra Basu, and published by G. N. Haldár. |

LIBRARY.

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Quarter ending 31st March 1900—continued.

| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|-------------------------------------|----------|----------------------------------|---|--------------------------|--|---|---|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| OO KS—concl'd. | | | | | | | | | |
| 1899. | Pages. | | | | | Rs. A. P. | | | |
| Dec. 31st | 29 | 12mo dy | 3rd... | 2,000 | Printed. | 0 1 3 | ..... | ..... | 39 |
| " 31st | 21 | 12mo dy | 10th... | 1,600 | ditto ... | 0 1 0 | ..... | ..... | 40 |
| 1900. Jan. 2nd | 51 | 12mo dy | 3rd... | 3,000 | ditto ... | 0 2 0 | ..... | ..... | 41 |
| BOOKS. | | | | | | | | | |
| HINDI BOOK. | | | | | | | | | |
| 1899. Nov. 22nd | 8 | 8vo dy | 1st... | 1,000 | ditto ... | 0 0 6 | ..... | ..... | 1 |
| BENGALI BOOKS. | | | | | | | | | |
| 1900. Jan. 12th | 24 | 8vo dy | 1st... | 5,000 | ditto ... | ..... | ..... | A Christian criticism of the statements of the Ulama relating to the innocence of Muhammad. | 1 |
| 1899. Oct. 27th | 176 | 8vo rl. | 1st... | 1,000 | ditto ... | 1 0 0 | Saiyed Amanat Ali, Bowul Bári, Rungpur. | Gives some of the teachings of Islám. | 2 |
| URDU BOOKS. | | | | | | | | | |
| 1900. Jan. 1st | 32 | 8vo dy | 1st... | 1,000 | Lithographed. | 0 1 0 | Abdul Gafur. | A number of verses, the recital where-of is supposed to prevent death from plague. | 1 |
| 1899. Dec. 15th | 32 | 8vo dy | 1st... | 1,000 | ditto ... | 0 1 0 | ditto ... | Stories connected with the birth of Muhammad. | 2 |
| ENGLISH BOOKS. | | | | | | | | | |
| 1900. Feb. 10th | 64 | 16mo der | 1st... | 3,000 | Printed. | 0 4 0 | ..... | ..... | 1 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-----------------|---|--|---|-----------|---|--|
| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| XV.—BENGALI AND | | | | | | |
| 2 | A Key to P. C. Sarkar's First Book of Reading. | Bengali and English. | ..... | Language. | Printed and published at Dacca. | Printed by Anáthbandhu Chakravarti, and published by the Ripon Library. |
| 3 | A Companion to Murray's Spelling Book. | ditto ... | Kunja Vihári Banik. | ditto ... | ditto ditto ... | Printed by Sita Náth Basák, and published by the author. |
| 4 | An Easy Grammar of the English Language in Bengali. | ditto ... | Yogendra Náth Banerji. | ditto ... | Printed at 3/4, Gaur Mohan Mukherji's Street, and published at 30, Cornwallis Street, Calcutta. | Printed by Sasibhúshan Bhattácháryya, and published by the Sanskrit Press, Depository. |
| 5 | The Child's New Word-book. | ditto ... | Sures Chandra Datta, B. A. | ditto .. | Printed at 3/4 Gaur Mohan Mukherji's Street and published at 64, College Street, Calcutta. | Printed by Sasibhúshan Bhattácháryya and published by G. N. Háldár. |
| 6 | Guardian and Ward. Part I. | ditto ... | Kunja Vihári Basu, M. A., B. L. | ditto ... | Printed and published at 3/4, Gaur Mohan Mukherji's Street, Calcutta. | Printed by Sasibhúshan Bhattácháryya, and published by Mukherji and Chatterji. |
| 7 | A Complete Key to M. N. Varma's English Primer. | ditto ... | M. N. Varmá. | ditto ... | Printed at 78, Amherst Street, and published at 4, Goábágán Lane, Calcutta. | Printed by Hari Charan Mánná, and published by the author. |
| 8 | Translation. | | Avinás Chandra Banerji. | ditto ... | Printed and published at 36, Mechhuábázár Street, Calcutta. | Printed and published by Rasik Lal Pán. |
| 9 | A Complete Key to A New English Reader in three parts. | ditto ... | J. M. Kar, B. A., and Surendra Nath Mukherji. | ditto ... | Printed and published at Howrah. | Printed by Nanda Lal Datta and published by the authors. |
| 10 | A Complete Key to Longman's "Ship" Literary Readers, No. IV. | ditto ... | H. C. Mitra. | ditto ... | Printed and published at 78, Amherst Street, Calcutta. | Printed by Hari Charan Mánná and published by B. N. Mitra. |
| 11 | A Comprehensive Key to Select Readings from Juvenile Literature, Part II. | ditto ... | A. K. Chatterji, M. A. | ditto ... | Printed at 26, Scott's Lane, and published at 79/2, Harrison Road, Calcutta. | Printed by Sányál & Co. and published by S. C. Basu. |
| 12 | A Key to the English Entrance Course, 1901. | ditto ... | W. T. Webb, M. A. | ditto ... | Printed at 45, Beniatolá Lane, and published at 54, College Street, Calcutta. | Printed by Sasibhúshan Chakravarti and published S. K. Lahiri & Co. |
| 13 | A Key to Popular Selections. | ditto ... | ..... | ditto ... | Printed and published at 8, Dixon's lane, Calcutta. | Printed and published by B. L. Chakravarti. |
| 14 | Beginner's Dictionary of English Words, Phrases and Idioms done into Bengali. | ditto ... | Venímádhava Gánguli. | ditto ... | Printed at 26, Scott's Lane, and published at 57/1, College Street, Calcutta | Printed by Sányál & Co. and published by A. K. Ráy & Co. |
| MISCELLANEOUS. | | | | | | |
| 15 | Samartha Kosha. A Bengali-English Dictionary, with Puranic Biographical Dictionary. Part 135. | ditto ... | Anupkrishna Mitra and Lalitkrishna Basu. | ditto ... | Printed at 211, Rájá Nava Krishna's Street, and published at the Sobhábazár Rájbatí, Calcutta. | Printed by Basu Mitra & Co. and published by the authors. |
| 16 | Ditto ditto Part 136. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |

LIBRARY.

Quarter ending 31st March 1900—continued.

| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|-------------------------------------|----------|----------------------------------|---|--------------------------|--|---|---|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| ENGLISH BOOKS—concl'd. | | | | | | | | | |
| 1889. | Pages. | | | | | Rs. A. P. | | | |
| Dec. 29th | 89 | 12mo dy | New | 2,000 | Printed. | 0 6 0 | ..... | ..... | 2 |
| 1900. | | | | | | | | | |
| Jan. 24th | 64 | 12mo dy | 1st... | 2,000 | ditto ... | 0 6 0 | ..... | ..... | 3 |
| 1899. | | | | | | | | | |
| Dec. 8th | 92 | 8vo dfe | 9th... | 3,000 | ditto ... | 0 4 0 | The author, South Suburban School, Bhawanipur. | ..... | 4 |
| 1900. | | | | | | | | | |
| Feb. 22nd | 76 | 16mo der | 2nd... | 2,000 | ditto ... | 0 3 0 | The author, 64, College Street, Calcutta. | With easy lessons and exercises in translation and composition. | 5 |
| " 20th | 59 | 16mo der | 1st... | 1,000 | ditto ... | 0 6 0 | The author, Personal Assistant to the Director of Public Instruction, Bengal. | Intended for the lower classes of Middle Schools. | 6 |
| 1899. | | | | | | | | | |
| Dec. 23rd | 48 | 8vo dy | 2nd... | 2,000 | ditto ... | 0 4 0 | The author 4, Goab á g á n Lane, Calcutta. | ..... | 7 |
| 1900. | | | | | | | | | |
| Feb. 7th | 120 | 16mo dfe | 1st... | 1,000 | ditto ... | 0 8 0 | The author, 210, Cornwallis Street, Calcutta. | Written on a new method. | 8 |
| " 16th | 100 | 8vo cr. | 1st... | 1,000 | ditto ... | 1 4 0 | The authors, Howrah. | ..... | 9 |
| Jan. 26th | 178 | 12mo dy | 1st... | 1,000 | ditto ... | 0 12 0 | H. C. Mitra, 78, Amherst Street, Calcutta. | ..... | 10 |
| Mar. 7th | 267 | 16mo der | New | 1,000 | ditto ... | 1 4 0 | The author, Calcutta. | ..... | 11 |
| Jan. 28th | 439 | 16mo der | 1st... | 3,000 | ditto ... | 2 0 0 | The author. | ..... | 12 |
| 1899. | | | | | | | | | |
| Dec. 25th | 236 | 12mo dy | 1st... | 1,000 | ditto ... | 0 12 0 | ..... | ..... | 13 |
| 1900. | | | | | | | | | |
| Jan. 21st | 760 | 16mo dfe | 2nd... revised | 1,000 | ditto .. | 1 8 0 | The author, Bhawanipur. | The contents of the book are indicated in the title. | 14 |
| " 29th | 32 | 4 to dy | 1st... | 1,000 | ditto ... | 0 4 0 | The authors, Sobhá b á z á r Rájbatí, Calcutta. | Bengali, from <i>Bágratíyá</i> to <i>Báná-yuja</i> ; English from <i>ministerial</i> to <i>misshape</i> ; and Puranic biography— <i>Janamejaya</i> is completed and <i>Jamadagni</i> commenced. | 15 |
| Feb. 17th | 32 | 4 to dy | 1st... | 1,000 | ditto ... | 0 4 0 | ditto ... | Bengali from <i>Vánira</i> to <i>Vási</i> ; English from <i>Missile</i> to <i>Momordica</i> ; and Puranic biography— <i>Jamadagni</i> is completed and <i>Jayadratha</i> commenced. | 16 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------|--|--|---|----------------|--|---|
| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| | LANGUAGE. <i>The following work is designed for educational purposes.</i> | | | | | V.--BENGALI AND |
| 1 | Vyākaran Sudhākarah. Depository of the Nectar of Grammar. Part II. | Bengali and Sanskrit. | Syāmā Charan Kaviratna. | Language. | Printed and published at 2, Goyābāgān Street, Calcutta. | Printed and published by Kunja Vihārī Dās. |
| | MEDICINE. | | | | | |
| 2 | Bhaishajya Bhāndār. Depository of Medicine. | ditto ... | Haralāl Gupta Kaviratna. | Medicine (N.) | Printed at 17, Nanda Kumār Chaudhuri's 2nd Lane, and published at 334, Upper Chitpur Road, Calcutta. | Printed by Sarat Chandra Chakravartī, and published by the author. |
| 3 | Sānuvāda Dravyābhidhānam. A Glossary of Medicinal Drugs with Translation. | ditto ... | Kālī Prasanna Kavisekhar. | ditto ... | Printed at 68, Valarām De's Street, and published at 86, Abhritola Street, Calcutta. | Printed by Naphar Chandra Sarkār, and published by Haridās Pāl. |
| | MISCELLANEOUS. | | | | | |
| 4 | Tattvāmbudhī. Sea of Truths. Part I. | ditto ... | R. K. Kavi-bhūshan. | Miscellaneous. | Printed at the Mathurā Nath Press, Kumār khali, Nadia. | Printed by Kunja Lāl Dās and published by the author. |
| 5 | Vaidya Rahasya. The Mystery about the Vaidya Caste. | ditto ... | Dīnanāth Kavi-ratna Sāstrī. | ditto ... | Printed and published at 3, Brajadulāl's Street, Calcutta. | Printed by Rām Vīshnu Kumār, and published by the author. |
| 6 | Horāvijnān Rahasyam Vā Jyotish-Kalpa-Vrikshah. Secrets of the Knowledge of the Horā (the rising of a zodiacal sign) or the Tree of Astrology that fulfils all desires. Vol. IV. No. 9, 10, 11, (together) (T). | ditto ... | Nārāyan Chandra Jyotir-bhūshan. | ditto ... | Printed at 17, Nanda Kumār Chaudhuri's 2nd Lane, and published at 14, Madan Mitra's Lane, Calcutta. | Printed by Sarat Chandra Chakravartī, and published by the author. |
| 7 | Jyotish Kalpadruma. The Tree of Astrology that fulfils all desires. Part 44. (T). | ditto ... | Rasik Mohan Chatterji. | ditto ... | Printed and published at 5, Simla Street, Calcutta. | Printed by Aghor Nāth Chaudhuri, and published by the author. |
| 8 | Udbhat Chandrikā. The Moon-light of Slokas by Unknown Authors. Part I. | ditto ... | Chandra Mohan Tarkaratna Bhattachāryya. | ditto ... | Printed at 3-4, Gaur-mohan Mukherji's Street, and published at 30, Cornwallis Street, Calcutta. | Printed by Sasibhūshan Bhattachāryya, and published by the Sanskrit Press Depository. |
| | <i>The following work is designed for educational purposes.</i> | | | | | |
| 9 | Hindu Bālikādigar Pāthādarsa. Model Lessons for Hindu Girls. | ditto ... | Durgādās Datta. | ditto ... | Printed and published at Bhawanipur. | Printed by Vinod Vihārī Mukherji, and published by the author. |

LIBRARY.

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Quarter ending 31st March 1900—continued.

| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|-------------------------------------|---------|----------------------------------|---|--------------------------|--|---|---|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| SANSKRIT BOOKS. | | | | | | | | | |
| 1900. | Pages. | | | | | Rs. A. P. | | | |
| Jan. 25th | 84 | 12mo dy | 3rd... | 1,000 | Printed. | 1 0 0 | The author, Sivpur, Howrah. | A new edition. | 1 |
| " 25th | 48 | 12mo dy | 3rd... | 500 | ditto ... | 0 6 0 | Hara Lal Gupta, 334, Upper Chitpur Road, Calcutta. | Is a notice of Hindu medicines prescribed for different diseases. | 2 |
| Feb. 10th | 103 | 8vo dy | 1st... | 1,000 | ditto ... | 1 0 0 | The publisher, 86, Abirfolá Street, Calcutta. | The title explains the contents. | 3 |
| Jan. 12th | 60 | 12mo dy | 1st... | 1,000 | ditto ... | Nil. | R. K. Kavibhushan, Devagrām, Nadiá. | Is a little treatise on the origin of the Káyastha caste based on sástric texts. The opinion expressed in the course of the book is that Káyasthas are the descendants of Khatriyas, who belonged to the civil section of that community. | 4 |
| 1899. Nov. 2nd | 118 | 8vo rl. | 1st... | 1,000 | ditto ... | 1 0 0 | ..... | Expresses the opinion that Vaidyas constitute a separate caste, quite distinct from Amvastha with which it is ordinarily confounded, and that, being Sudras they have no right to wear the holy thread. | 5 |
| 1900. Feb. 20th | 247 | 8vo rl. | 1st... | 1,000 | ditto ... | 8 4 0 | The author, 14, Madan Mitra's Lane, Calcutta. | This brings this exhaustive compilation of Hindu astrology to a close. | 6 |
| 1899. Nov. 7th | 96 | 8vo dy | 1st... | 1,000 | ditto ... | 1 0 0 | The author, 5, Simlá Street, Calcutta. | ..... | 7 |
| Dec. 14th | 154 | 8vo dy | 2nd... | 1,000 | ditto ... | 1 0 0 | The author, Sanskrit Press, Depository, Calcutta. | Is a collection of slokas of unknown authorship on a variety of topics, with a Bengali translation and short notes by the editor. | 8 |
| 1900. Feb. 21st | 60 | 12mo dy | 1st... | 1,000 | ditto ... | 0 2 0 | Kunjala Nandan Bhawanipur. | Contains moral and religious teachings for Hindu girls, with hymns in honour of gods and goddesses for daily recitation. | 9 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|----------------|--|---------------------------------------|---|---------------|---|--|
| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| V.—BENGALI AND | | | | | | |
| POETRY. | | | | | | |
| 10 | Rāma rājyābhishekam. Installation of Rāma. | Bengali, and Sanskrit. | Madhusūdan Tarkapanchānan. | Poetry. | Printed at 28, Convent Road, Calcutta, and published at Bāhirgāclhi Nadia. | Printed by S. P. Ghosh, and published by the author. |
| RELIGION. | | | | | | |
| 11 | Vrindāvan Prāptyupāy. Means of attaining Vrindāvan (the Highest Vaishnav Heaven.) | ditto ... | Late Visvambhar Pāni. | Religion (H.) | Printed and published at 8, Jackson's Lane, Calcutta. | Printed by Nanda Lal Datta, and published by Aurita Lal Pāni. |
| 12 | Krishnabhakti Rasāmritam. The Nectar of the Juice of Devotion to Krishna. | ditto ... | Tārā Kumār Kaviratna. | ditto ... | Printed and published at 25, Pataldangā Street, Calcutta. | Printed and published by B. K. Chakravarti & Brothers. |
| 13 | Dharmānushthān. Practice of Religion. | ditto ... | Bhūddhar Chatterji. | ditto ... | Printed at 20, Sukea's Street, and published at 70, Sukea's Street, Calcutta. | Printed by Sarat Chandra Chakravarti, and published by the author. |
| 14 | Bhakti Granthāvalī. Books on Devotion. | ditto ... | Mahāmahopādhyāya Visvanāth Chakravarti. | ditto ... | Printed at 43, Vrindāvan Basak's Lane, and published at 36, Ahiritolā Street, Calcutta. | Printed by Sarat Chandra Banerji, and published by the author. |
| 15 | Tantrakalpādrumah. The Tree of Tantra that fulfils all desires. Part III. | ditto ... | Nīlakamal Banerji. | ditto ... | Printed at 2, Goyābāgān Street, and published at 6-3, Rāmdhan Mitra's Lane, Calcutta. | Printed by Kunja Vihārī Dās, and published by B. M. Devī. |
| 16 | Devī Māhātmyam. The Greatness of the Goddess (Chandī). | ditto ... | Satis Chandra Vidyārātna Bhattachārya. | ditto ... | Printed at 24, Sobhārām Basak's Lane, and published at Sankibhāngā, Calcutta. | Printed by Kalīprasanna Datta, and published by Gayā Rām Chakravarti and the author. |
| 17 | Srīmadbhāgavatam. Of the Lord. Part 4. (T). | ditto ... | Khagendra Nāth Sāstri. | ditto ... | Printed and published at 37, Valarām Basu's Ghat Road, Bhowanipur. | Printed and published by Khagendra Nāth Sāstri. |
| 18 | Ditto ditto Part 5 & 6 (together). (T). | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 19 | Ditto ditto Part 7 & 8 (together). (T). | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 20 | Ditto ditto Part 9 & 10 (together). (T). | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 21 | Ditto ditto Part 11 & 12 (together). (T). | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 22 | Ditto ditto Part 13 & 14 (together). (T). | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 23 | Ditto ditto Part 15 & 16 (together). (T). | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 24 | Ditto ditto Part 17. (T). | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 25 | Nārāyaṇī Snān. Bathing on the occasion of the Nārāyaṇī (Yoga). | ditto ... | Surendra Nāth Baksi. | ditto ... | Printed and published at Bogra. | Printed by Rām Chandra Chakravarti, and published by Pūrṇa Chandra Chanda. |
| 26 | Ditto ditto ... | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |

Quarter ending 31st March 1900—continued.

| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|-------------------------------------|-----------|----------------------------------|---|--------------------------|--|---|---|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| SANSKRIT BOOKS—contd. | | | | | | | | | |
| 1899. | Pages. | | | | | Rs. A. P. | | | |
| Sept. 20th | 60 | 16mo der. | 2nd... | 1,000 | Printed. | 1 0 0 | The author, Bāhīrgāchhī, Nadiā. | A new edition. | 10 |
| 1900. | | | | | | | | | |
| Feb. 26th | 244 | 8vo dy | 1st... | 500 | ditto ... | 1 0 0 | The publisher. | Purports to deal with the esoterics of Vaishnavism, the stories and anecdotes connected with the previous births of the milk-maids and other followers of Krishna, Nārada's initiation into Vaishnavism and such like topics, intended to glorify Krishna and his creed. It professes to be a metrical translation of the chapter from the Padma Purāna entitled Pātāla-Khanda. | 11 |
| Jan. 24th | 160 | 8vo dy | 2nd... | 1,000 | ditto ... | 1 0 0 | The author. | This edition has been enlarged by the addition of new slokas. | 12 |
| 1896. | | | | | | | | | |
| Feb. 16th | 604 | 12mo dy | 1st... | 1,000 | ditto ... | 1 2 0 | The author, 70, Sukea's Street, Calcutta. | A collection of texts with a Bengali translation bearing on the religious duties and practices of Hindus. | 13 |
| 1900. | | | | | | | | | |
| Feb. 27th | 192 | 12mo dy | 1st... | 1,000 | ditto ... | 0 8 0 | The author. | Is a collection of four books treating of the subject of devotion to God, with an easy Bengali translation and a preface giving a short life of the author. | 14 |
| Jan. 31st | 76 | 8vo dy | 1st... | 1,000 | ditto ... | 16 0 0 Complete. | The author, Rām Dhan Mitra's Lane, Calcutta. | ..... | 15 |
| " 25th | 353 | 12mo dy | 1st... | 3,000 | ditto ... | 0 12 0 | Gayā Rām Chakravartī Sankībhāṅgā, Calcutta. | The well-known religious work describing the exploits of the goddess Chandi or Durga, edited with a commentary and a Bengali translation. | 16 |
| 1897. | | | | | | | | | |
| May 28th | 32 | 8vo rl. | 1st... | 1,000 | ditto ... | 0 2 0 | Khagendra Nāth Sastri, 37, Valarām Basu's Ghāt Road, Bhowanipur. | Text, with the commentaries of Sridhar Svāmī and Viśva Nāth Chakravartī and a Bengali translation. | 17 |
| Aug. 13th | 64 | 8vo rl. | 1st... | 1,000 | ditto ... | 0 4 0 | ditto ... | ditto ditto | 18 |
| Oct. 27th | 64 | 8vo rl. | 1st... | 1,000 | ditto ... | 0 4 0 | ditto ... | ditto ditto | 19 |
| Dec. 12th | 64 | 8vo rl. | 1st... | 1,000 | ditto ... | 0 4 0 | ditto ... | ditto ditto | 20 |
| 1898. | | | | | | | | | |
| Feb. 10th | 64 | 8vo rl. | 1st... | 1,000 | ditto ... | 0 4 0 | ditto ... | ditto ditto | 21 |
| April 8th | 64 | 8vo rl. | 1st... | 1,000 | ditto ... | 0 4 0 | ditto ... | ditto ditto | 22 |
| 1899. | | | | | | | | | |
| Mar. 12th | 64 | 8vo rl. | 1st... | 1,000 | ditto ... | 0 4 0 | ditto ... | ditto ditto | 23 |
| April 11th | 32 | 8vo rl. | 1st... | 1,000 | ditto ... | 0 2 0 | ditto ... | ditto ditto | 24 |
| Dec. 30th | 9 | 12mo dy | 1st... | 1,000 | ditto ... | 0 0 6 | ..... | Is a description of the Nārāyaṇī Bathing Festival held in Northern Bengal. | 25 |
| 1900. | | | | | | | | | |
| Jan. 1st | 9 | 12mo dy | 2nd... | 1,000 | ditto ... | 0 0 6 | ..... | ..... | 26 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------|--|--|---|----------------|---|--|
| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| | RELIGION— <i>concl'd.</i> | | | | | V.—BENGALI AND |
| 27 | Srīmadbhagavadgītā. The Divine Lay. (T.) | Bengali and Sanskrit. | Rev. Gaur Govinda Upādhyāya. | Religion. (B.) | Printed and published at 3, Ramā Nāth Majumdar's Street, Calcutta. | Printed and published by K. P. Nāth |
| 28 | Vāsishtha Mahā Rāmāyaṇam. The Great Rāmāyaṇa, containing the Lecture of Sage Vāsishtha. (T.) | ditto ... | Kālīvar Vedāntavāgīś. | ditto ... (H.) | Printed and published at 214, Bowbazar Street, Calcutta. | Printed by Asutosh Gar, and published by Nanda Lal Pāl. |
| 29 | Srī Sri Madhu Sūdan Saṁhitā. The Compilation by Madhusūdan. | ditto ... | Srīmaṇḍāchāryya Svāmī. | ditto ... | Printed at 26, Scott's Lane, Calcutta, and published at Svāmī Ghāt, Mathurā. | Printed by Sanyal Co., and published by Nigamaśādhū Mandali. |
| 30 | Satyanārāyaṇ Vrata Vrittānta Ratnoddhār Evam Dharma Śāstrakṛta Mūl Sanskrita Bhāg Ekātrita. Jewel of the Story of the Vow in Honour of Satya Nārāyaṇ recovered together with the Original Sanskrit Text. | ditto ... | Rasik Chandra Basu. | ditto ... | Printed and published at Barisal. | Printed by Nanda Kumār Dās, and published by the author. |
| 31 | Ātmātattva O Panchātattva Granthah. The Book on Self and the Five Tattvas. | ditto ... | Syāmsundar Goswāmī. | ditto ... | Printed and published at Dacca. | Printed by Lachhman, Basak, and published by Dvārka Nāth Pāl. |
| | LANGUAGE. <i>The following works are designed for educational purposes.</i> | | | | | VI.—ENGLISH AND |
| 1 | Guardian and Ward. Part I. | English and Hindi. | Kunja Vihārī Basu, M.A., B.L. | Language. | Printed and published at 3/4, Gaur Mohan Mukherji's Street, Calcutta. | Printed by Sasibhūshan Bhattāchāryya, and published by Mukherji and Chatterji. |
| 2 | Ditto ditto Part II. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| | LANGUAGE. <i>The following work is designed for educational purposes.</i> | | | | | VII.—ENGLISH AND |
| 1 | Student's Handbook of Persian Language. | English and Persian. | Abul-ma-lī Mahammad Hamid Ali. | ditto ... | Printed at 4, Kareyā Gorasthan Road, Calcutta, and published at Kushtiyā District, Nadia. | Printed by Mahammad Reāzuddin Ahmed, and published by the author. |

Quarter ending 31st March 1900—continued

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|--|-------------------------------------|----------|----------------------------------|---|--------------------------|--|--|--|--------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number |
| SANSKRIT BOOKS— <i>concl'd.</i> | | | | | | | | | |
| 1900. Feb. 16th | Pages. 64 | ..... | 1st... | 1,500 | Printed. | Rs. A. P. 0 8 0 | The Brahmo Mission Office, 3, Ramá Náth Majumdar's Street, Calcutta. | With a Bengali translation of the editor's Sanskrit commentary entitled the <i>Samarvaya Bhāshya</i> . | 27 |
| 1899. Nov. 27th | 48 | 8vo dy | 1st... | 1,000 | ditto ... | 0 6 0 | Nanda Lál Pál, 214, Bowbazar Street, Calcutta. | With the commentary of Ananda-bodhendra Bhikshu and a Bengali translation. | 28 |
| Dec. 14th | 320 | 12mo dy | 1st... | 1,000 | ditto ... | 2 0 0 | Nigamágama Sādhya Māndali Mathurá. | Is an exposition in verse of the cardinal principles of Hinduism, so far as they relate to the various forms of worship and the practice of yoga. It is accompanied by a Bengali translation in prose. The writer, Madhusūdan, traces his descent from the poet Śrī Harsha and is the Achārya (Spiritual Guide) of the Hindu Religious Association, known as the Nigamágama mandali. Although a Bengali by birth, he has on religious grounds made the North-Western Provinces his home. The book is written in easy Sanskrit. | 29 |
| ..... | 82 | 12mo dy | 1st... | 1,000 | ditto ... | 0 5 0 | Rasik Mohan Basu, Kachabalia Barisal. | Gives in Sanskrit the ritual for the worship of the god Satya náráyan and the story connected with the inauguration of the worship in Bengali. | 30 |
| 1889. Dec. 5th | 16 | 12mo dy | 2nd... | 1,300 | ditto ... | 0 4 0 | ..... | Refers in the language of enigma to some of the principles of yoga and professes to describe the evolution of the universe from Prakriti and Purusha. | 31 |
| HINDI BOOKS. | | | | | | | | | |
| 1900. Feb. 20th | 62 | 16mo der | 1st... | 1,000 | ditto ... | 0 6 0 | The author, Sanskrit Press Depository. | Intended for students reading in Middle and High Schools in Bihar. | 1 |
| " 20th | 131 | 16mo der | 1st... | 1,000 | ditto ... | 0 11 0 | ditto ... | Intended for boys in the first three classes of High Schools. | 2 |
| PERSIAN BOOK. | | | | | | | | | |
| 1899. Oct. 13th | 60 | 16mo rl | 1st... | 1,000 | ditto ... | 0 12 0 | The author, Kusthiyá H. E. School, District Nadia. | | 1 |

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|---|---|--|---|----------------|--|---|
| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| | | | | | | VIII.—ENGLISH AND |
| <p>LANGUAGE.</p> <p><i>The following work is designed for educational purposes.</i></p> | | | | | | |
| 1 | Model Questions with Answers on Pravesikā. | English and Sanskrit. | Hari Nāth Mukherji. | Language. | Printed at 6, Bhim Ghosh's Lane, and published at 64, Pāthuriāghātā Street, Calcutta. | Printed by U. C. Basu & Co., and published by P. C. Datta. |
| <p>RELIGION.</p> | | | | | | |
| 2 | The Bhagavatgītā. Part I. | ditto ... | Edited by S. C. Mukhopādhyāya. | Religion. (H.) | Printed at 4, Gulu Ostāgar's Lane, and published at 20, Grey Street, Calcutta | Printed by Bhūtanāth Mānnā, and published by the author. |
| | | | | | | IX.—ENGLISH AND |
| <p>LANGUAGE.</p> <p><i>The following works are designed for educational purposes.</i></p> | | | | | | |
| 1 | The Beginner's English Grammar in Urdu. | English and Urdu. | Mohini Mohan Basu, B.A | Language. | Printed at the New Town Press, Bhawanipur, and published at 58, Wellington Street, Calcutta. | Printed by Manmatha Nāth Mitra, and published by S. C. Adhya. |
| 2 | A Manual of Translation from Urdu into English. | ditto ... | Veni Mādhav Gānguli and Visēsvār Chakravartī. | ditto ... | ditto ditto ... | ditto ditto ... |
| | | | | | | X.—ENGLISH AND |
| <p>LANGUAGE.</p> <p><i>The following work is designed for educational purposes.</i></p> | | | | | | |
| 1 | A Complete Key to the First Book of Reading. | English and Uriyā. | Daitārī Prasād Dās. | ditto ... | Printed and published at Balasore. | Printed by K. P. Dās, and published by the author. |
| | | | | | | XI.—HINDI AND |
| <p>MISCELLANEOUS.</p> | | | | | | |
| 1 | Bhāgyoday. Dawn of Fortune. | Hindi and Sanskrit. | Pandit Ramā Datta Tripāthī. | Miscellaneous. | Printed and published at Dinapur. | Printed and published by Thākūr Prasād Sāha & Co. |
| <p>RELIGION.</p> | | | | | | |
| 2 | Atha Pandava Gītā. The Lay of the Pāndavās. | ditto ... | Rādhā Mohan Prasād. | Religion (H.) | Printed and published at Gaya. | Printed by B. P. Trivedi and published by the author. |
| 3 | Moksha Ki Kujī. Key to Salvation. | ditto ... | Rudra Datta Sarmā. | ditto ... | Printed and published at Dinapur. | Printed and published by Thākūr Prasād Sāha. |
| | | | | | | XII.—SANSKRIT AND |
| <p>LANGUAGE.</p> | | | | | | |
| 1 | Satfk Amarakosābhidhān Vā Amārātharatnamālikā. Dictionary by Amara with Annotations or a Jewelled Garland of the Meanings of Amara. | Sanskrit and Uriyā. | Jaganmohan Sinha Dēva. | Language. | Printed and published at Cuttack. | Printed by Gaurisankar Rāy, and published by the Cuttack Printing Company, Limited. |

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| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| SANSKRIT BOOKS. | | | | | | | | | |
| 1900. | Pages. | | | | | Rs. A. P. | | | |
| Jan. 2nd | 119 | 12mo dy | 1st ... | 500 | Printed. | 0 8 0 | ..... | Useful to Entrance candidates. | 1 |
| „ 18th | 36 | 8vo dy | 1st... | 1,000 | ditto ... | 0 4 0 | ..... | With the commentary of Saṅkarāchāryya. | 2 |
| URDU BOOKS. | | | | | | | | | |
| Mar. 3rd | 50 | 16mo df. | 3rd... | 2,000 | ditto ... | 0 3 0 | The author, Gaya. | A new edition. | 1 |
| Feb. 18th | 375 | 16mo der | 3rd... | 2,000 | ditto ... | 1 6 0 | The authors, Bhawanipur and Nadia, respectively. | Ditto ditto ... | 2 |
| URIYA BOOK. | | | | | | | | | |
| Jan. 5th | 92 | ..... | 1st... | 1,000 | ditto ... | 0 4 0 | The author, Balasore. | ..... | 1 |
| SANSKRIT BOOKS. | | | | | | | | | |
| 1899. | | | | | | | | | |
| Aug. 5th | 37 | 12mo dy | 1st... | 1,000 | ditto ... | Nil. | Thākur Prasād Sāha of Dinapur. | An Aryya-samājist publication containing oft-quoted verses on the subject of morality and religion with their translation in Hindi. | 1 |
| Feb. 25th | 44 | 8vo | 1st... | 2,000 | ditto ... | 0 4 0 | The author. | A collection of verses with their Hindi rendering, in which the Pāndavas and others extol the greatness of Krishna. | 2 |
| Aug. 5th | 32 | 12mo dy | 1st... | 1,000 | ditto ... | Nil. | Thākur Prasād Sāha. | Contains texts from the sāstras with their Hindi translations on the subjects of yoga and salvation. | 3 |
| URIYA BOOKS. | | | | | | | | | |
| 1900. | | | | | | | | | |
| Jan. 2nd | 473 | 16mo fe. | 1st ... | 2,000 | ditto ... | 1 4 0 | The author. | An Uriyā translation of the Sanskrit Dictionary entitled Amarakosha. | 1 |

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|---------|---|--|---|----------------|--|---|
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| 84 | MISCELLANEOUS. | | | | | XII.—SANSKRIT AND |
| 2 | Prastāva Sindhu Ocean of Slokas fit for the Introduction of a Subject. | Sanskrit and Uriyā. | Dīna Krishna Dās. | Miscellaneous. | Printed and published at the Arunodaya Press, Cuttack. | Printed by B. P. Dán, and published by Bhāgrathī Sethi and others. |
| 3 | Vatris Sinhasan. The Throne supported by Thirty-two Figures. | ditto ... | Sarvesvar Achāryya. | ditto ... | Printed and published at Cuttack. | Printed by Gaurisankar Rāy, and published by Vāman Drivedi. |
| 4 | Kisorachandrananda Champu. A Champu Work on the Delights of the Youthful Krishna. | ditto ... | Kavi Sūryya Rāy Guru. | ditto ... | Printed and published at the Arunodaya Press, Cuttack. | Printed by B. P. Dán, and published by Sudarsan Nanda. |
| 5 | Rasajñānamrita. The Nectar of Sentiment and Knowledge. | ditto ... | Visvanāth Sāstri. | ditto ... | ditto ditto ... | Printed by B. P. Dán, and published by the author. |
| | RELIGION. | | | | | |
| 6 | Nishthvā Nilamani. The Sapphire of Devotion. | ditto ... | Nārāyan Misra, and Mohan Nāyaka. | Religion (H.) | Printed and published at Cuttack. | Printed by Adam Samuel, and published by Kapileśvar Misra. |
| 7 | Satfka Pārvan Srāddhakārikā. Mnemonic verses relating to the Pārvan Srāddha Ceremony with Annotation. | ditto ... | Rām Chandra Chatushpāthī, and Rudra Nārāyan Sarangi. | ditto ... | Printed and published at Balasore. | Printed by Vinod Vihārī Dē, and published by Rudra Nārāyan Sarangi. |
| 8 | Mukunda Mālā. Garland (of Hymns) in honour of Mukunda (Krishna). | ditto ... | Sridhar Rao. | ditto ... | Printed and published at Cuttack. | Printed by Gauri Sankar Rāy, and published by the Printing Company, Limited. |
| 9 | Hindu Dharmmasār. Essence of the Hindu religion. | ditto ... | Bhagavan Chandra Sinha. | ditto ... | Printed and published at the Arunodaya Press, Cuttack. | Printed by Adam Samuel, and published by the author. |
| 10 | Hari-Hara-Stava. Hymns in honour of Hari and Hara. | ditto ... | Krishna Chandra Dās. | ditto ... | ditto ditto ... | Printed by B. P. Dán, and published by Sasibhushan Rāy. |
| | LANGUAGE. | | | | | TRI-LINGUAL |
| | The following work is designed for educational purposes. | | | | | I. BENGALI, ENGLISH, |
| 1 | Gadya Padya Sangraha Vivritih Sampūrna. A Complete Key to Gadya Padya Sangraha. | Bengali, English, and Hindi. | Pandit Kānhaīyā Lāl Sāstri. | Language. | Printed at 163, Kalighat Road, Bhawanipur, and published at Allahabad. | Printed by Niradvaran Dās, and published by the School Book Depot, Allahabad. |
| | MEDICINE. | | | | | II. BENGALI, ENGLISH, |
| 1 | Aryya-Dhāttri-Vidyā. Hindu Midwifery. | Bengali, English, and Sanskrit. | Surendra Nāth Goswāmī. | Medicine (N.) | Printed and published at Kumārkhālī. | Printed by Kunja Lāl Dās, and published by the author. |

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|--|-------------------------------------|--------------|----------------------------------|---|--------------------------|--|--|---|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| URIYA BOOKS—concl'd. | | | | | | | | | |
| 1900 | Pages. | | | | | Rs. A. P. | | | |
| Feb. 6th | 99 | 12mo dy | 4th... | 2,000 | Printed. | 0 8 0 | Bhāgīrathī Sethiā Bhāgavat Prasād Dān, Madhu Sūlan Datta, and Sṛīhar Rāy of Dewan Bāzār, Cuttack. | Often noticed. | 2 |
| Jan. 30th | 145 | 16mo fc. | 1st ... | 1,000 | ditto ... | 0 8 0 | The author. | Text with an Uriyā translation in verse. | 3 |
| Feb. 6th | 31 | 16mo dfc. | 2nd... | 1,000 | ditto ... | 0 0 6 | Sudarsan Nanda Sutāhāt, Cut- tack. | Often noticed. | 4 |
| " 6th | 20 | 12mo dy | 1st ... | 1,000 | ditto ... | 0 3 0 | The author, Sa- herzādā Bāzār, Cuttack. | Is a collection of slokas on love and religious and spiritual knowledge alternately. | 5 |
| Jan. 5th | 31 | 12mo dy | 1st ... | 1,000 | ditto ... | 0 2 6 | The author. | A collection of slokas with an Uriyā translation, inculcating devotion to God, the sāstras, the spiritual guide, &c., taken from the Bhāgavat and other religious works. | 6 |
| Feb. 28th | 30 | .... | 1st ... | 1,000 | ditto ... | 0 2 0 | Vinod Vihārī Dē, Balasore. | Lays down the ritual for the Sṛādhi, which is performed on the day of the New Moon. | 7 |
| " 17th | 8 | 12mo dy | 1st ... | 1,000 | ditto .. | 0 1 0 | The author. | Contains hymns in honour of Krishna with an Uriyā trans- lation. | 8 |
| Jan. 8th | 18 | 16mo dfc. | 1st ... | 1,000 | ditto ... | 0 1 0 | The author. | A collection of sāstric texts with their Uriyā translation. | 9 |
| Mar. 5th | 8 | 16mo dfc. | 1st . | 1,000 | ditto ... | ..... | Sasibhūshan Rāy, Cuttack. | A collection of hymns in honour of the gods Siva and Hari. | 10 |
| BOOKS | | | | | | | | | |
| AND HINDI BOOK. | | | | | | | | | |
| 1900. | | | | | | | | | |
| Feb. 1st | 300 | 12mo dy | 3rd | 1,000 | ditto ... | 1 0 0 | ..... | Is a complete Key to the Sanskrit course for the Middle English Examination. | 1 |
| AND SANSKRIT BOOKS. | | | | | | | | | |
| 1900. | | | | | | | | | |
| Jan. 11th | 76 | 3vo dy | 1st ... | 500 | ditto ... | 0 8 0 | The author. Bhā- janghāt, Nadia. | The contents of the book are indicated in the title. | 1 |

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|----------------------|--|---------------------------------------|---|----------------|---|--|
| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| II.—BENGALI, ENGLISH | | | | | | |
| | MISCELLANEOUS. | | | | | |
| 2 | Caste System in Bengal, its Baneful Effects and their Remedy. | Bengali, English, and Sanskrit. | Jatindra Chandra Basak. | Miscellaneous. | Printed and published at the Prán Chaitanya Press, Dacca. | Printed by Sitá Náth Basak, and published by Rasik Lal Basak. |
| | RELIGION. | | | | | |
| | <i>The following work is designed for educational purposes.</i> | | | | | |
| 3 | A Book of Orisons. | ditto .. | Hari Charan Mitra. | Religion (H.) | Printed at 78, Amherst Street, and published at the Calcutta Training Academy. | Printed by Hari Charan Máná, and published by the Calcutta Training Academy. |
| | LANGUAGE. | | | | | |
| | <i>The following work is designed for educational purposes.</i> | | | | | |
| 1 | Manjarí Vikáśah. A Key to Niti Manjarí. | Bengali, Hindi, and Sanskrit. | Nanda Gopal Sarasvatí. | Language. | Printed and published at Bhagalpur. | Printed by Charles Peter, and published by Kunár Lal Singh. |
| | RELIGION. | | | | | |
| 1 | Bhajanársaagraha. Collection of Choice Bhajan Songs. Part II. | Bengali, Hindi, and Uriya. | Bálkrishna Dás | Religion (H.) | Printed and published at Cuttack. | Printed by Gauri Sankar Ráy and published by the Cuttack Printing Company. |
| | ART. | | | | | |
| 1 | Viná Vádiní. The Lady playing on the Lute. A monthly paper. Vol. II, No. 12. | Bengali. | Edited by Jyotirindrá Náth Tagore. | Art ... | Printed at the Bhárat Mihir Press, and published at 267, Bowbazar Street, Calcutta. | Printed by Sanyál & Co., and published by Dwarkin & Son. |
| | MEDICINE. | | | | | |
| 2 | Bhishak Darpan. Mirror of Medicine. A monthly paper. Vol. IX, No. 4. | ditto ... | Edited by Dr. Zahiruddin Ahmed. | Medicine (E.) | Printed at 115, Amherst Street, and published at 28, Harrison Road, Calcutta. | Printed by Náráyan Chandra Ghosh, and published by the editor. |
| 3 | Ditto ditto A monthly paper. Vol. IX, No. 5. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| | MISCELLANEOUS. | | | | | |
| 4 | Alo. Light. A monthly paper, Vol. I, No. 1. | ditto ... | Edited by Annadá Charan Sen. | Miscellaneous. | Printed at 64, College Street, and published at the Eden Hindu Hostel, Calcutta. | Printed by Kunja Vihári De, and published by Amarnáth Datta. |

Quarter ending 31st March 1900—continued.

| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|-------------------------------------|----------|----------------------------------|---|--------------------------|--|---|--|--------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number |
| AND SANSKRIT BOOKS.— <i>concl.</i> | | | | | | | | | |
| 1900. | Pages. | | | | | Rs. AS. P. | | | |
| Jan. 10th | 50 | 8vo | 1st... | 500 | Printed | 0 8 0 | ..... | The remedy proposed in the book is no other than the adoption by Indians of the religion of love preached by Chaitanya. For, argues the writer, love alone can bring unity out of the disunion created by caste. | 2 |
| " 1st | 14 | 16mo fc. | 2nd... | 500 | ditto... | 0 2 0 | The author, Calcutta Training Academy. | Is a collection of verses and hymns to gods intended for the use of the boys of the Calcutta Training Academy | 3 |
| AND SANSKRIT BOOK. | | | | | | | | | |
| 1900. | | | | | | | | | |
| Jan. 18th | 214 | 12mo dy | 1st... | 1,000 | ditto... | 1 0 0 | The author, Bhátpara District 24 Parganas. | ..... | 1 |
| AND URIYA BOOK. | | | | | | | | | |
| 1900. | | | | | | | | | |
| Jan. 25th | 40 | 16mo dfc | 1st... | 2,000 | ditto... | 0 2 6 | ..... | Is a collection of <i>Bhajan</i> songs, in the Uriya character. | 1 |
| PERIODICALS. | | | | | | | | | |
| 1899. | | | | | | | | | |
| Dec. 14th | 16 | 16mo dcr | 1st... | 250 | ditto... | 0 3 0 | The editor, 62, Báliganj, Calcutta. | Gives a collection of songs with their musical notation and an explanation of the particular system used. | 1 |
| " 15th | 44 | 8vo rl. | 1st... | 375 | ditto... | 0 12 0 | The editor, 28, Harrison Road, Calcutta. | Contains, among others, an interesting article on Diabetes and its treatment. It is specially devoted to English Medicine. | 2 |
| 1900. | | | | | | | | | |
| Jan. 10th | 44 | 8vo rl. | 1st... | 375 | ditto... | 0 12 0 | ditto .. | ..... |  |
| " 1st | 40 | 16mo dcr | 1st... | 750 | ditto... | 0 2 0 | Boarder, Eden Hindu Hostel, Calcutta. | Is a new journal, started in the course of the last year dealing with general topics. Among the articles in this number those on the Absorption of light and the success of Mr. Paranjy in the Wranglership examination deserve mention. | 4 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------|--|--|---|----------------|--|---|
| Number. | Title (to be translated into English when the title-page is not in that language). | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| | MISCELLANEOUS.— <i>contd.</i> | | | | | I.—BENGALI |
| 5 | Alo Light. A monthly paper. Vol. I, No. 2. | Bengali. | Edited by Annada Charan Sen. | Miscellaneous. | Printed at 64, College Street, and published at the Eden Hindu Hostel, Calcutta. | Printed by Kunja Vihari De, and published by Amarnath Datta. |
| 6 | Ditto ditto. Vol. I, No. 3. | ditto ... | ditto ... | ditto ... | Printed at 68, College Street, and published at 69/1, Eden Hindu Hostel, Calcutta. | ditto ditto ... |
| 7 | Ditto ditto. Vol. I, No. 4. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 8 | Ditto ditto. Vol. I, No. 5. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 9 | Ditto ditto. Vol. I, No. 6. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 10 | Alochaná. Investigation. A monthly paper. Vol. III, Nos. 5 and 6 (together). | ditto ... | Edited by Yogindra Nath Chatterji, | ditto ... | Printed at 336, Upper Chitpur Road, Calcutta, and published at 83, Panchanantalá Road, Howrah. | Printed by Nilmani Dhar, and published by the Alochaná Samiti. |
| 11 | Ditto ditto. Vol. III, Nos. 7 and 8 (together). | ditto ... | ditto ... | ditto ... | Printed at 336, Upper Chitpur Road, and published at 34, Garánhátá Street, Calcutta. | Printed by Nilmani Dhar, and published by Gundenra Náth Báy. |
| 12 | Ditto ditto. Vol. III, No. 9. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 13 | Islám Pracharak. Preacher of Islam. A monthly paper. Vol. III, No. 1. | ditto ... | Edited by Mahammad Rezáuddin Ahmed. | ditto ... | Printed and published at 4, Kareyá Gorasthán Road, Calcutta. | Printed by Mahammad Rezáuddin Ahmed, and published by Munsí Azizuddin Ahmed. |
| 14 | Ditto ditto. Vol. III, No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 15 | Aitihásik Chitra. Historical sketches. A quarterly journal. Vol. I, No. 3. | ditto ... | Edited by Akshaya Kumar Maitreya. | ditto ... | Printed and published at the Vani Press, Rajshahi, and Bharat Máhar Press, Calcutta. | Printed and published by Chakravarti and Sanyál & Co. |
| 16 | Bhárati. The Goddess of Speech. A monthly paper. Vol. XXIII, No. 8. | ditto ... | Edited by Srimati Saralá Devi. | ditto ... | Printed at 55, Upper Chitpur Road, and published at 26, Baliganj Circular Road, Calcutta. | Printed by Devendra Náth Bhattacháryya, and published by Saralá Devi. |
| 17 | Kamalá. The Goddess Lakshmi. A monthly paper. Vol. I, Nos. 8 and 9 (together). | ditto ... | ..... | ditto ... | Printed at 78, Amherst Street, Calcutta, and published at 16, Talá Bágán, Káshipur. | Printed by Hari Charan Mánúá, and published by the Bádhav Samiti and Library. |
| 18 | Ditto ditto. Vol. I, Nos. 10 and 11 (together). | ditto ... | ..... | ditto ... | ditto ditto ... | ditto ditto ... |
| 19 | Krishitattva. Truths of Agriculture. A monthly paper. Vol. I, No. 1. | ditto ... | Edited by Dharendra Náth Basu. | ditto ... | Printed at 68, College Street, and published at 120, Cornwallis Street, Calcutta. | Printed by Kunja Vihari De, and published by the editor. |
| 20 | Madhukar. The Bee. A monthly paper. Vol. I, No. 4. | ditto ... | Edited by Pares Nath Ghosh. | ditto ... | Printed and published at Dacca. | Printed by Sitá Nath Basák, and published by the editor. |
| 21 | Chhātra. Student. A monthly paper. Vol. I, No. 1. | ditto ... | Edited by Harendra Kumar Majumdar others | ditto ... | Printed at 336, Upper Chitpur Road, and published at 59/1, Nintalághát Street, Calcutta. | Printed by Nilmani Dhar, and published by the editors. |

Quarter ending 31st March 1900—continued.

| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|-------------------------------------|----------|----------------------------------|---|--------------------------|--|---|--|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| PERIODICALS.—contd. | | | | | | | | | |
| 1900. | Pages. | | | | | Rs. A. P. | | | |
| Jan. 1st | 40 | 16mo der | 1st... | 500 | Printed. | 0 2 0 | Boarder, Eden Hindu Hostel, Calcutta. | This number contains an article on the theory of energy. | 5 |
| " 1st | 40 | 16mo der | 1st... | 600 | ditto ... | 0 2 0 | ditto ... | Contains articles of general interest, of which the one headed, the <i>New Muslim Vaishnav Poet</i> is worthy of notice. | 6 |
| " 1st | 40 | 16mo der | 1st... | 600 | ditto ... | 0 2 0 | ditto ... | ..... | 7 |
| " 1st | 40 | 16mo der | 1st... | 600 | ditto ... | 0 2 0 | ditto ... | The article on "Dew" in this number is noticeable. | 8 |
| Mar. 14th | 40 | 16mo der | 1st... | 600 | ditto ... | 0 2 0 | ditto ... | ..... | 9 |
| 1899. | | | | | | | | | |
| Nov. 24th | 32 | 8vo dy | 1st... | 500 | ditto ... | 0 2 0 | The editor, Howrah. | Contains light reading matter. | 10 |
| 1900. | | | | | | | | | |
| Feb. 12th | 32 | 8vo dy | 1st... | 250 | ditto ... | 0 1 6 | ditto ... | ditto ditto ... | 11 |
| Mar. 12th | 16 | 8vo dy | 1st... | 250 | ditto ... | 0 1 6 | ditto ... | ditto ditto ... | 12 |
| 1899. | | | | | | | | | |
| Oct. 16th | 32 | 8vo*rl. | 1st... | 1,000 | ditto ... | 0 3 0 | Mohammad Reazuddin Ahmed, 4, Kareya Gora-sthan Road, Calcutta. | Contains subjects especially interesting to Muhammadans. | 13 |
| Dec. 22nd | 32 | 8vo rl. | 1st... | 1,000 | ditto ... | 0 4 0 | ditto ... | ditto ditto ... | 14 |
| 1899. | | | | | | | | | |
| Dec. 20th | 144 | 8vo dy | 1st... | 500 | ditto ... | 1 4 0 | Akshaya Kumar Maitreya, Rajshahi. | The contents of this journal are, as usual, extremely interesting. The articles Jagat Seth, Mallabhadri, the Inscription on the Garur pillar and the second instalment of notes on the newly-discovered copperplate-inscription deserve special mention. | 15 |
| " 19th | 96 | 16mo der | 1st... | 1,000 | ditto ... | 3 0 0 yearly. | The editor 26, Baliganj Circular Road, Calcutta. | This number contains an interesting notice of Santi Deva's well-known work entitled Bodhicaryya-vatara, which has recently been published by the Buddhist Text Society of Calcutta. The article on Hindu Marriage in Guzerat is also very interesting reading. | 16 |
| " 24th | 48 | 8vo cr. | 1st... | 400 | ditto ... | 1 0 0 yearly. | The Bandhav Samiti and Library. | ..... | 17 |
| 1900. | | | | | | | | | |
| Feb. 5th | 48 | 8vo cr. | 1st... | 400 | ditto ... | 1 0 0 yearly. | ditto ... | ..... | 18 |
| Feb. 27th | 24 | 8vo dy | 1st... | 1,000 | ditto ... | 0 4 0 | The editor, 120, Cornwallis Street, Calcutta. | Is a new journal specially devoted to agriculture. | 19 |
| Jan. 22nd | 24 | ..... | 1st... | 500 | ditto ... | ..... | ..... | Contains articles of general and religious interest. | 20 |
| 1899. | | | | | | | | | |
| Dec. 22nd | 8 | 8vo | 1st... | 250 | ditto ... | 0 0 3 | ..... | Is a new journal started by a number of students. | 21 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|------------|---|--|---|----------------|---|--|
| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| I.—BENGALI | | | | | | |
| | MISCELLANEOUS— <i>contd.</i> | | | | | |
| 22 | Mahilá. The Lady. A Monthly Paper. Vol. V. No. 7. | Bengali. | Edited by Rev. Girish Chandra Sen. | Miscellaneous. | Printed and published at 3, Ramá Náth Majumdar's Street, Calcutta. | Printed and published by K. P. Náth. |
| 23 | Másik. Monthly. A Monthly Paper. Vol. IV. No. 39. | ditto ... | Edited by Kálipada Banerji. | ditto ... | Printed at 133, Masjidbári Street, and published at 56, Páthuriagháta Street, Calcutta. | Printed by Yogendra Náth Chakravarti, and published by the editor. |
| 24 | Ditto ditto Vol. IV. No. 40. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 25 | Ditto ditto Vol. V. No. 41. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 26 | Ditto ditto Vol. IV. No. 42. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 27 | Mukul. Blossoms. A Monthly Paper. Vol. V. No. 7. | ditto ... | Edited by Yogendra Náth Sarkár. | ditto ... | Printed at 36, Mechhuabázár Street, and published at 220, Cornwallis Street, Calcutta. | Printed and published by Rasik Lal Pán. |
| 28 | Ditto ditto Vol. V. No. 8. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 29 | Ditto ditto Vol. V. No. 9 and 10 (together). | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 30 | Mukur O Medikyál Jarnyál. Mirror and the Medical Journal. A Monthly Paper. Vol. I. No. 5. | ditto ... | Edited by Kónárám Mukherji. | ditto ... | Printed at 30, Kálighát Road, and published at 177/1, Rasá Road, South, Bhawanipur. | Printed by Vinod Vihári Banerji, and published by the editor. |
| 31 | Navya Bhárat. New India. A Monthly Paper. Vol. XVII. No. 8. | ditto ... | Edited by Devi Prasanna Ray Chaudhuri. | ditto ... | Printed at 1/1, Sankar Ghosh's Lane, and published at 210/4, Cornwallis Street, Calcutta. | Printed by Bhút Náth Palit, and published by the editor. |
| 32 | Ditto ditto Vol. XVII. Nos. 9 & 10. (together.) | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 33 | Panthá. The Path. A Monthly Paper. Vol. III. Nos. 6 and 7 (together). | ditto ... | Edited by Krishnadhán Mukherji, and Pandit Syám Lal Goswami. | ditto ... | Printed at 133, and published at 39/1, Masjidbári Street, Calcutta. | Printed by Yogendra Náth Chakravarti, and published by Aghor Náth Datta. |
| 34 | Ditto ditto Vol. III. No. 8. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 35 | Ditto ditto Vol. III. No. 9. | ditto ... | ditto ... | ditto ... | Printed at 133, and published at 120/2, Masjidbári Street, Calcutta. | ditto ditto ... |
| 36 | Pracharak. The Preacher. A Monthly Paper. Vol. I. Nos. 8 and 9 (together). | ditto ... | Edited by Munsí Madhu Miyá. | ditto ... | Printed and published at 5/1, Harsí Street, Calcutta. | Printed by Munsí Saidar Rahaman, and published by the editor. |
| 37 | Ditto ditto Vol. I. No. 10 and 11 (together). | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |

Quarter ending 31st March 1900—continued.

| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|-------------------------------------|------------|----------------------------------|---|--------------------------|--|--|---|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| PERIODICALS—contd. | | | | | | | | | |
| 1900. | Pages. | | | | | Rs. A. P. | | | |
| Feb. 10th | 24 | 8vo rl. | 1st... | 350 | Printed. | 2 0 0 yearly. | The Brahmo Mission Office, 3, Ramá Náth Mujumdar's Street, Calcutta. | Contains articles of general interest. | 22 |
| Jan. 18th | 16 | 4 to dy | 1st... | 1,000 | ditto ... | 0 3 0 | The editor, 56, Páthuria Gháta Street, Calcutta. | Publishes a brief sketch of the life of the late Sir Rames Chandra Mitra, Kt. | 23 |
| " 12th | 16 | 4 to dy | 1st... | 1,000 | ditto ... | 0 3 0 | ditto ... | ..... | 24 |
| " 13th | 7 | 4 to dy | 1st... | 1,000 | ditto ... | 0 3 0 | ditto ... | ..... | 25 |
| " 16th | 16 | 4 to dy | 1st... | 1,000 | ditto ... | 0 3 0 | ditto ... | ..... | 26 |
| Feb. 5th | 16 | 8vo d. cr. | 1st... | 2,500 | ditto ... | 0 1 0 | The editor, 61, Harrison Road, Calcutta. | The article on pre-historic animals in this number is very interesting. | 27 |
| " 7th | 16 | 8vo d. cr. | 1st... | 2,500 | ditto ... | 0 1 0 | ditto ... | ..... | 28 |
| " 8th | 32 | 8vo d. cr. | 1st... | 2,500 | ditto ... | 0 2 0 | ditto ... | ..... | 29 |
| 1899. | | | | | | | | | |
| Dec. 25th | 16 | 8vo dy | 1st... | 500 | ditto ... | 0 1 0 | ..... | ..... | 30 |
| " 19th | 56 | 8vo rl. | 1st... | 1,700 | ditto ... | 0 7 0 | The editor, 210/4, Cornwallis Street, Calcutta. | Among the articles in this number those headed "History of Bengal" by Pandit Mahendra Náth Vidyábháti and "Rájarangini" by Babu Trailokya Náth Bhattacháryya deserve notice. Other articles are of religious and general interest. | 31 |
| 1900. | | | | | | | | | |
| Feb. 9th | 88 | 8vo rl. | 1st... | 1,700 | ditto ... | 0 11 0 | ditto ... | Contains an article headed "English Administration and the Congress" condemning that movement and all political agitation by natives generally. It is said in the course of the article that the so-called leaders of the Congress have no touch with the masses, and they know of their wants and wishes even less than the British official. It is for this reason that the Government attaches more importance to reports of its own officials than to the representations of the Congress. That movement has, as the writer thinks, done more harm than good to the people. Among the other articles, those on the Rájarangini, the Pali language, and the gradual development of the institution of marriage deserve special mention. The article on Primary Education and the Reward Examination approves of the new scheme of vernacular education prepared under the auspices of the present Director of public instruction, and contains suggestions for the reform of that examination. | 32 |
| Jan. 15th | 64 | 8vo dy | 1st... | 1,500 | ditto ... | 0 1 3 | The publisher, 39/1, Masjid-bári Street, Calcutta. | Treats of articles of literary, general and philosophical interest. | 33 |
| " 20th | 32 | 8vo dy | 1st... | 1,500 | ditto ... | 0 1 3 | ditto ... | The exposition of the principles of Theosophy and Yoga is a special feature of this and the following numbers of the journal. The publication of the text of the Talabakár-Upanishad or Kenopanishad is finished and a Bengali translation thereof commenced in this number. | 34 |
| " 25th | 32 | 8vo dy | 1st... | 1,500 | ditto ... | 0 1 3 | The publisher, 39/1, Masjid-bári Street, Calcutta. | ..... | 35 |
| 1899. | | | | | | | | | |
| Oct. 10th | 68 | 8vo dy | 1st... | 300 | ditto ... | 0 6 0 | The editor. | Contains an article on the steam engine. | 36 |
| Dec. 19th | 68 | 8vo dy | 1st... | 300 | ditto ... | 0 6 0 | ditto ... | ..... | 37 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|------------|--|--|---|----------------|---|---|
| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| I.—BENGALI | | | | | | |
| | MISCELLANEOUS—contd. | | | | | |
| 38 | Pracharak. The Preacher. A Monthly Paper. Vol. II. Nos. 1 and 2 (together). | Bengali. | Edited by Munsif Madhu Miyá. | Miscellaneous. | Printed at 17, Nanda Kumar Chandhuri's 2nd Lane, and published at 35/1, Canal East Road, Calcutta. | Printed by Sarat Chandra Chakravarti, and published by the editor. |
| 39 | Pradíp. The Lamp. A Monthly Paper. Vol. II. No. 12. | ditto ... | Edited by Rámánanda Chatterji. | ditto ... | Printed at 26, Scott's Lane, and published at 3, Saukar Ghosh's Lane, Calcutta. | Printed by Sáryal & Co., and published by Vaidkuntha Náth Dás. |
| 40 | Ditto ditto Vol. III. No. 1. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 41 | Ditto ditto Vol. III. No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 42 | Ditto ditto Vol. III. No. 3. | ditto ... | Edited by Nagendra Náth Gupta. | ditto ... | ditto ditto ... | ditto ditto ... |
| 43 | Prayás. Attempt. A Monthly Paper. Vol. I. No. 9. | ditto ... | Edited by S. N. Sarkár. | ditto ... | Printed at 29, and published at 32/7, Beadon Street, Calcutta. | Printed by S. K. Sáhá, and published by the Sáhitya Sevaka Samiti. |
| 44 | Ditto ditto Vol. I. No. 10. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 45 | Ditto ditto Vol. I. No. 11. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 46 | Punya. Merit. A Monthly Paper. Vol. II. Nos. 8 and 9 (together) | ditto ... | Edited by Srimati Prajñá Sundari Devi. | ditto ... | Printed and published at 6, Dváraká Náth Tagore's Lane, Calcutta. | Printed by Yogendra Náth Ghosh, and published by Ritendra Náth Tagore. |
| 47 | Ditto ditto Vol. II. Nos. 10 and 11 (together.) | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 48 | Párnimá. The Full Moon. A Monthly Paper. 7th year. No. 8. | ditto ... | Edited by Kumár Sarindra Dev Ráy. | ditto ... | Printed and published at Bausberiyá, Ilugá. | Printed and published by Annadá Prasád De. |
| 49 | Ditto ditto 7th year. No. 9. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 50 | Ditto ditto 7th year. No. 10. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 51 | Rishi. The Sage. A Monthly Paper. Vol. II. No. 6. | ditto ... | Edited by Kaviñáj Ráma Chandra Vidyávinod. | ditto ... | Printed at 17, Nanda Kumar Chandhuri's 2nd Lane, and published at 202, Cornwallis Street, Calcutta. | Printed by Sarat Chandra Chakravarti, and published by the Aryya Ayurved College. |
| 52 | Ditto ditto Vol. II. No. 7. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 53 | Ditto ditto Vol. II. No. 8. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 54 | Sadánanda. The Ever-Cheerful. No. 1. | ditto ... | Edited by Harthara Nandí. | ditto ... | Printed at the Prán Chaitanya Press, and published at the Sadánanda Office, Dacca. | Printed by Sítá Náth Banská, and published by Harihar Nandí. |

Quarter ending 31st March 1900—continued.

| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
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| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor or of copyright or any portion of it. | REMARKS. | Number. |
| PERIODICALS—contd. | | | | | | | | | |
| 1900. | Pages. | | | | | Rs. A. P. | | | |
| Mar. 2nd | 56 | 8vo dy | 1st... | 300 | Printed. | 0 6 0 | The editor, 35/1, Canal East Road, Calcutta. | ..... | 38 |
| 1899. Dec. 14th | 36 | 8vo d.cr. | 1st... | 2,000 | ditto ... | 0 4 0 | The editor, Allahabad. | Contains an article explaining the wave theory of light. | 39 |
| 1900. Jan. 13th | 40 | 8vo d.cr. | 1st... | 3,000 | ditto ... | 0 4 0 | ditto ... | Contains articles of general interest. | 40 |
| Feb. 9th | 36 | 8vo d.cr. | 1st... | 3,000 | ditto ... | 0 4 0 | ditto ... | This number has an interesting article on "Silk manufacture in Bengal." | 41 |
| " 29th | 32 | 3vo d.cr. | 1st... | 3,000 | ditto... | 0 4 0 | The publisher, 3, Sankar Ghosh's Lane, Calcutta. | Contains an article on the release of the Nátu Brothers, in the course of which it is remarked:—The release is practically an admission of error on the part of Government, and furnishes an incontestable proof that all powerful as it is, even it can not always act in a pure spirit of despotism. And the fact furnishes an argument in favour of political agitation by the natives of the country. | 42 |
| 1899. Oct. 30th | 63 | 8vo c.r. | 1st... | 500 | ditto ... | 0 3 0 | ..... | Contains articles of general interest. | 43 |
| Nov. 25th | 63 | 8vo c.r. | 1st... | 500 | ditto ... | 0 3 0 | ..... | ditto ditto ... | 44 |
| Dec. 30th | 74 | 16mo d. cr. | 1st... | 500 | ditto ... | 0 3 0 | ..... | ditto ditte ... | 45 |
| " 4th | 96 | 8vo dy | 1st... | 500 | ditto ... | 0 12 0 | Ritendra Náth Tagore, 6, Dváká Náth Tagore's Lane, Calcutta. | Contains an article on Chromo-lithography. | 46 |
| Feb. 26th | 96 | 8vo dy | st... | 550 | Printed. | 0 12 0 | ditto ... | ..... | 47 |
| 1899. Dec. 26th | 40 | 8vo dy | ... | 1,000 | ditto ... | 0 4 0 | Ráni Achalvála Dásí, Bansberiyá, Hugli. | Contains articles of religious and literary interest. Some ancient unpublished religious songs are published in this issue. | 48 |
| 1900. Jan. 22nd | 40 | 8vo dy | ... | 1,000 | ditto ... | 0 4 0 | ditto ... | ..... | 49 |
| Feb. 20th | 40 | 8vo dy | ... | 1,000 | ditto ... | 0 4 0 | ditto ... | ..... | 50 |
| 1899. Dec. 20th | 24 | 8vo dy | 1st... | 1,000 | ditto ... | 0 2 0 | The editor, 202, Cornwallis Street, Calcutta. | Notices of plants used in Hindu medicine form a special feature of this journal. | 51 |
| 1900. Jan. 1st | 24 | 8vo dy | 1st ... | 1,000 | ditto ... | 0 2 0 | ditto ... | ditto ditto ... | 52 |
| " 20th | 24 | 8vo dy | 1st... | 1,000 | ditto ... | 0 1 6 | ditto ... | ditto ditto ... | 53 |
| " 25th | 8 | 8vo rl. | 1st... | 500 | ditto ... | | | | 54 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
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| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| | MISCELLANEOUS—contd. | | | | | I.—BENGALI |
| 55 | Sāhitya. Literature. A Monthly Paper. Vol. X. No. 1. | Bengali. | Edited by Sures Chandra Samāj-pati. | Miscellaneous. | Printed at 50, Hari Ghosh's Street, and published at 82, Sitārām Ghosh's Street, Calcutta. | Printed by Kshirod Prasād Rāy, and published by the editor. |
| 56 | Ditto ditto Vol. X. No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 57 | Ditto ditto Vol. X. No. 3. | ditto ... | ditto ... | ditto ... | ditto ditto ... | Printed by Dāmodar Bhat-tāchāryya, and published by the editor. |
| 58 | Ditto ditto Vol. X. No. 4. | ditto ... | ditto ... | ditto ... | Printed at 51-2, Sukea's Street, and published at 82, Sitārām Ghosh's Street, Calcutta. | Printed by Adhar Chandra Basu, and published by the editor. |
| 59 | Ditto ditto Vol. X. No. 5. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 60 | Ditto ditto Vol. X. No. 6. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 61 | Ditto ditto Vol. X. No. 7. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 62 | Ditto ditto Vol. X. No. 8. | ditto ... | ditto ... | ditto ... | Printed at 50, Hari Ghosh's Street, and published at 82, Sitārām Ghosh's Street, Calcutta. | Printed by Tārā Dās Bhat-tāchāryya, and published by the editor. |
| 63 | Sāhitya Parishat Patrikā. The Journal of the Academy of Literature. A quarterly paper. Vol. VI. No. 3. | ditto ... | Edited by Rāmendra Sundar Trivedi. | ditto ... | Printed at 26, Scott's Lane, and published at 106-1, Grey Street, Calcutta. | Printed by Sānyāl & Co., and published by the Vangīya Sāhitya Parishat Office. |
| 64 | Sāvitrī. (A name) A monthly paper. Vol. III. No. 11. | ditto ... | Edited by Rāmāyāday Bāgchī. | ditto ... | Printed at 221, Cornwallis Street, Calcutta, and published at Murārpur, Gayā. | Printed by Kālī Prasanna Chakravart, and published by Prān Gaur Gosvāmī. |
| 65 | Ditto ditto Vol. III. No. 12. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 66 | Tattvamanjari. Blossoms of Truth. A Monthly paper. Vol. III. No. 6. | ditto ... | Edited by the followers of Rām Krishna Paramhansa. | ditto ... | Printed at 336, Upper, Chitpur Road, and published at 39, Mānik Basu's Ghāt Street, Calcutta. | Printed by Nilmāni Dhar, and published by the editors. |
| 67 | Ditto ditto Vol. III. No. 7. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 68 | Ditto ditto Vol. III. No. 8. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 73 | Ditto ditto Vol. III. No. 9. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 74 | Utsāha. Energy. 3rd Year. For Vaisākh and Jyaishta, 1906, B. S. (together). | ditto ... | Edited by Sures Chandra Sāha. | ditto ... | Printed at 61, Ahirītola Street, Calcutta, and published at Ghorāmārā, Rājshahi. | Printed by Priya Nāth Ghosh, and published by the editor. |

Quarter ending 31st March 1900—continued.

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|--|-------------------------------------|---------|----------------------------------|---|--------------------------|--|---|--|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| PERIODICALS—contd. | | | | | | | | | |
| 1899. | Pages. | | | | | Rs. A. P. | | | |
| June 29th | 68 | 8vo dy | 1st... | 1,600 | Printed. | 0 4 0 | The editor, 50, Hari Ghosh's Street, Calcutta. | This number contains an interesting notice on the old Sanskrit poet Bāna Bhatta who flourished in the seventh century A.D. Among the other articles, that entitled "The character of Sirajuddaula" deserves notice, as being a protest against carrying to undue limits the reaction which has recently set in his favour. | 55 |
| July 30th | 64 | 8vo dy | 1st... | 1,600 | ditto ... | 0 4 0 | ditto ... | This number contains among others, an extremely interesting article entitled "Lakshman Sen," the last Hindu king of Bengal. | 56 |
| 1900. Feb. 2nd | 64 | 8vo dy | 1st... | 1,600 | ditto ... | 0 4 0 | ditto ... | Contains a number of thoughtful and well-written articles. | 57 |
| 1900. Jan. 22nd | 64 | 8vo dy | 1st... | 1,600 | ditto ... | 0 4 0 | ditto ... | Contains an interesting article on the celebrated king Harsha Varddhana of Kanauj. | 58 |
| Jan. 25th | 64 | 8vo dy | 1st... | 1,600 | ditto ... | 0 4 0 | ditto ... | Among the articles in this number those entitled "Mukti" (Salvation) and the "Retreat of the Five thousand" deserve special mention. | 59 |
| Feb. 4th | 64 | 8vo dy | 1st... | 1,600 | ditto ... | 0 4 0 | ditto ... | The article headed "Social Disease and its Remedy" commenced in No. 6 and concluded in No. 7 of this journal is very thoughtfully written. In the opinion of the writer, the people of this country are living a sort of un-natural hot-house existence, being dependent for every thing on a paternal Government, and that the diseases in their social organism are due more or less to this circumstance. They are unconscious of their own power and their failures in moral and intellectual sphere may be traced to this cause. Let them learn to respect and value their past, their old religious and social institutions, which have stood the test of ages, and try to draw from them the inspiration, which they require for the present, which is to dispel their present moral and intellectual torpor and rescue the stream of national existence from the utter stagnation with which it is threatened. | 60 |
| " 20th | 64 | 8vo dy | 1st... | 1,600 | ditto ... | 0 4 0 | ditto ... | | 61 |
| Feb. 2nd | 64 | 8vo dy | 1st... | 1,600 | ditto ... | 0 4 0 | ditto ... | Among the articles in this number those headed the Vaishnava Religion in Bengal and Paundraka Vāsudeva deserve mention. | 62 |
| 1899. Dec. 31st | 118 | 8vo rl | 1st... | 500 | ditto ... | 0 12 0 | ..... | The article Rhetoricon and the Glossary of Astronomical Terms with their English Equivalents published in this number deserve special notice. | 63 |
| 1900. Feb. 2nd | 24 | 12mo dy | 1st... | 150 | ditto ... | 0 2 0 | The publisher Murárpur, Gayá. | Is a monthly paper intended for females, containing articles of general interest. | 64 |
| " 2nd | 24 | 12mo dy | 1st... | 150 | ditto ... | 0 2 0 | ditto .. | ditto ditto ... | 65 |
| 1899. Nov. 22nd | 24 | 8vo dy | 1st... | 600 | ditto ... | 0 1 6 | ..... | Religious articles predominate in this journal. Among them that entitled Sri Sri Rām Krishna Kathāmrita (the nectar of the sayings of Sri Rām Krishna) will be read with interest. | 66 |
| ..... | 24 | 8vo dy | 1st... | 600 | ditto ... | 0 1 6 | ..... | ditto ditto ... | 67 |
| 1900. Jan. 20th | 24 | 8vo dy | 1st... | 600 | ditto ... | 0 1 6 | ..... | ditto ditto ... | 68 |
| " 20th | 24 | 8vo dy | 1st... | 600 | ditto ... | 0 1 6 | ..... | ditto ditto ... | 69 |
| 1899. Nov. 15th | 48 | 8vo dy | 1st... | 400 | ditto ... | 0 4 0 | The editor, Ghorāmārā, Rájsáhi | Contains articles of general interest. | 70 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|------------|--|--|---|---------------------|---|---|
| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| I.—BENGALI | | | | | | |
| | MISCELLANEOUS— <i>concl'd</i> | | | | | |
| 71 | Udbodhan. Awakening. A Fortnightly Paper. Vol I. No. 23. | Bengali. | Edited by Svāmī Trigu- nāṭa. | Miscella- neous. | Printed and published at 14, Rām Chandra Mitra's Lane, Calcutta. | Printed and published by the editor. |
| 72 | Ditto ditto Vol. I. No. 24. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 73 | Ditto ditto Vol. II. No. 1. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 74 | Ditto ditto Vol. II. No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 75 | Vāmābodhinī Patrikā. A Journal for the In- struction of Women. A Monthly Paper. Vol. XXXVII. No. 418 and 419 (together). | ditto ... | Edited by Umes Chan- dra Datta. | ditto ... | Printed at the Indian Press, 6, College Street Bye-Lane, and published at 9, Antani Bagān Lane, Calcutta. | Printed by Nanda Lal Chatterji, and published by Asutosh Ghosh. |
| 76 | Vināpānī. The Goddess with the lute in hand. A Monthly Paper. Vol. VI. No. 1. | ditto ... | Edited by Rām Gopāl Sen Gupta. | ditto ... | Printed at 21, Valarām Ghosh's Street, and pub- lished at 23, Hara Dhol's Lane, Calcutta. | Printed by Gopāl Chandra Lāhiri, and published by the editor. |
| 77 | Vikās. Manifestation. A Monthly Paper. For Asvin, 1306 B. S. | ditto ... | Edited by Dr. Rasik Mohan Cha- kravartī. | ditto ... | Printed at 68, Nimalā Street, and published at 12, Rasik Lal Ghosh's Lane, Calcutta. | Printed by Sasī Bhūshan Chandra, and published by the Sāhitya Samālo- chanī Sabhā. |
| 78 | Ditto ditto For Kārt- tik, 1306 B. S. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 79 | Ditto ditto For Agra- hāyan, 1306 B. S. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 80 | Vīrabhūmī. The Land of the Hero. A Mon- thly Paper. Vol. I. No. 3. | ditto ... | Edited by Nīlaratan Mu- kherjī. | ditto ... | Printed at 1-1, Sankar Ghosh's Lane, Calcutta, and published at Kīrnā- bār, Birbhum. | Printed by Bhūt Nāth Pālit, and published by Rākhāl Dās Mukherjī. |
| 81 | Ditto ditto Vol. I. No. 4. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 82 | Ditto ditto Vol. I. No. 5. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 83 | Ditto ditto Vol. I. No. 6. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 84 | Vinsa Satāvdi. The Twentieth Century. A Monthly Paper. Vol. I. No. 1. | ditto ... | Edited by Haripada Chatterji. | ditto ... | Printed at 6, College Street Bye-Lane, and published at 65, College Street, Calcutta. | Printed by Nanda Lal Chatterji, and published by Vihārī Lal Datta. |
| RELIGION. | | | | | | |
| 85 | Haribhakti Devotion to Hari. A Monthly Paper. Vol. I. No. 4. | ditto ... | Edited by Syāmā Cha- ran Kavirat- na. | Religion. (H.) | Printed and published at 2, Goyā-bāgān Street, Calcutta. | Printed and published by Kunja Vihārī Dās. |
| 86 | Ditto ditto Vol. I. No. 5. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 87 | Khrishtiya Bāndhava. The Christian Friend. A Monthly Paper. Vol. XXI. No. 12. | ditto | Edited by M. N. Nāth. | ditto ... (C.) | Printed and published at 41, Lower Circular Road, Calcutta. | Printed and published by Rev. J. W. Thomas. |
| 88 | Ditto ditto Vol. XXII. No. 1. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 89 | Ditto ditto Vol. XXII. No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |

Quarter ending 31st March 1900—continued.

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|--|-------------------------------------|---------|----------------------------------|---|--------------------------|--|---|---|--------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number |
| PERIODICALS— <i>contd.</i> | | | | | | | | | |
| 1899. | Pages. | | | | | Rs. A. P. | | | |
| Dec. 25th | 32 | 8vo dy | 1st... | 1,000 | Printed | 0 2 0 | The editor, 14, Rām Chandra Mitra's Lane, Calcutta. | The publication of Rāmānuja's commentary on the Vedānta aphorisms with a Bengali translation is continued in this and subsequent numbers. | 71 |
| " 25th | 32 | 8vo dy | 1st... | 1,000 | ditto ... | 0 2 0 | ditto ... | The publication of the Sanskrit text of Bhagavadgītā with Sankarā's commentary and a Bengali translation is continued in this number. | 72 |
| 1900. | | | | | | | | | |
| Feb. 20th | 32 | 8vo dy | 1st... | 1,000 | ditto ... | 0 2 0 | ditto ... | ..... | 73 |
| " 20th | 32 | 8vo dy | 1st... | 1,000 | ditto ... | 0 2 0 | ditto ... | The publication of the great commentary on the grammatical aphorisms of Pāṇini is continued in this number. | 74 |
| 1899. | | | | | | | | | |
| Dec. 23rd | 80 | 8vo rl | 1st... | 1,300 | ditto ... | 0 4 0 | The editor, 9, Antani Bāgān Lane, Calcutta. | Contains articles of general interest. | 75 |
| Dec. 5th | 36 | 12mo rl | 1st... | 500 | ditto ... | 0 1 6 | The editor, 23, Hara Dhol's Lane, Calcutta. | Contains light reading matter. | 76 |
| Nov. 20th | 24 | 8vo dy | 1st... | 300 | ditto ... | 0 1 6 | The editor, 12, Rasik Lal Ghosh's Lane, Calcutta. | Literary matter predominates in this and the following numbers. | 77 |
| 1900. | | | | | | | | | |
| Jan. 15th | 24 | 8vo dy | 1st... | 300 | ditto ... | 0 1 6 | ditto ... | ... .. | 78 |
| Feb. 2nd | 24 | 8vo dy | 1st... | 300 | ditto ... | 0 1 6 | ditto ... | ..... | 79 |
| 1899. | | | | | | | | | |
| Dec. 18th | 32 | 8vo dy | 1st... | 1,000 | ditto ... | 0* 2 0 | The editor, Kirnāhār, Birblum. | Contains articles of general interest. | 80 |
| 1900. | | | | | | | | | |
| Jan. 24th | 32 | 8vo dy | 1st... | 1,000 | ditto ... | 0 2 0 | ditto ... | ditto ditto ... | 81 |
| Feb. 21st | 32 | 8vo dy | 1st... | 1,000 | ditto ... | 0 2 0 | ditto ... | ditto ditto ... | 82 |
| Mar. 17th | 44 | 8vo dy | 1st... | 1,000 | ditto ... | 0 2 0 | ditto ... | ditto ditto ... | 83 |
| Jan. 13th | 24 | 8vo rl | 1st... | 1,000 | ditto ... | 1 4 0 yearly. | The editor, 65, College Street, Calcutta. | A new journal containing articles of general interest. | 84 |
| 1899. | | | | | | | | | |
| Dec. 12th | 24 | 8vo dy | 1st... | 700 | ditto ... | 0 1 0 | The editor, Sivpur, Howrah. | A Hindu journal containing articles specially interesting to Vaiṣṇavas. | 85 |
| 1900. | | | | | | | | | |
| Jan. 25th | 24 | 8vo dy | 1st... | 700 | ditto ... | 0 1 0 | ditto ... | ditto ditto ... | 86 |
| 1899. | | | | | | | | | |
| Nov. 28th | 24 | 8vo rl | 1st... | 600 | ditto ... | 0 1 0 | ..... | A Christian paper. | 87 |
| Dec. 30th | 24 | 8vo rl | 1st... | 600 | ditto ... | 0 1 0 | ..... | ditto ditto ... | 88 |
| 1900. | | | | | | | | | |
| Jan. 20th | 24 | 8vo rl | 1st... | 600 | ditto ... | 0 1 0 | ..... | ditto ditto ... | 89 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|------------------------------|--|--|---|----------------|--|---|
| Number. | Title (to be translated into English when the title-page is not in that language). | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer and name or firm of publisher. |
| I.—BENGALI | | | | | | |
| RELIGION— <i>concl'd.</i> | | | | | | |
| 90 | Snehamayi. Full of Affection. A Monthly Paper. Vol. I. No. 12. | Bengali. | Edited by Rev. W. Carey. | Religion. (C.) | Printed and published at the Baptist Mission Press, Calcutta. | Printed and published by Rev. J. W. Thomas. |
| 91 | Ditto ditto Vol. II. No. 1. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 92 | Ditto ditto Vol. II. No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 93 | Sri Chaitanya Patrikā. The Journal in Honour of Chaitanya. A Monthly Paper. Vol. I. No. 1. | ditto ... | Edited by Susil Krishna Goswami. | ditto ... (H.) | Printed at 21, Valarām Ghosh's Street, and published at the Sri Chaitanya Patrikā Office, Ulatāngā Road, Calcutta. | Printed by Gopāl Chandra Lahiri, and published by Anukūl Chandra Chakravarti. |
| 94 | Ditto ditto Vol. I. No. 3. | ditto ... | ditto ... | ditto ... | ditto ditto ... | Printed by Gopāl Chandra Lahiri, and published by Narendra Nāth Dās. |
| 95 | Ditto ditto Vol. I. No. 4. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 96 | Tattvabodhini Patrikā. Journal Devoted to the Exposition of Truth. A Monthly Paper. No. 676. | ditto ... | Edited by Dvijendra Nāth Tagore. | ditto ... (B.) | Printed and published at 55, Upper Chitpur Road, Calcutta. | Printed and published by Devendra Nāth Bhattachāryya. |
| 97 | Ditto ditto No. 677. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 98 | Ditto ditto No. 678. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 99 | Ditto ditto No. 679. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 100 | Vāṅgālā Misanārī Glinār. The Bengal Missionary Gleaner. A Monthly Paper. Vol. IX. No. 12. | ditto ... | Edited by P. N. Sarkār. | ditto ... (C.) | Printed at 115, Amherst Street, and published at 8, Old Baitakkhānā, 2nd Lane, Calcutta. | Printed by Nārāyan Chandra Ghosh, and published by P. N. Sarkār. |
| 101 | Brahma Tattva. Truths about Brahma (God). A Quarterly Paper. Vol. IV. No. 1. | ditto ... | Edited by Sitā Nāth Tattva-Bhūshan. | ditto ... (H.) | Printed at 2, Goābāgān Street, and published at 73-1, Beniātola Street, Calcutta. | Printed by Kunja Vibhārī Dās, and published by Yasodā Lāl Chaudhurī. |
| 102 | Ditto ditto Vol. IV. No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| SCIENCE (NATURAL AND OTHER). | | | | | | |
| 103 | Svāsthya. Health. A monthly paper. Vol. III. No. 7. | ditto ... | Edited by Durgā Dās Gupta. | Science. | Printed at 63, Bechu Chatterji's Street, and published at 23, Madan Mitra's Lane, Calcutta. | Printed by G. C. Basu & Co., and published by Lalit Mohan Gupta. |
| 104 | Ditto ditto Vol. III. No. 8. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| UNI-LINGUAL | | | | | | |
| II.—ENGLISH | | | | | | |
| ART. | | | | | | |
| 1 | Journal of the Photographic Society of India. A Monthly Paper. Vol. XIII. No. 1. | English. | Edited by the Photographic Society. | Art. | Printed at 12, Bentinck Street, and published at the City Press, Calcutta. | Printed by J. S. Eastwood, and published by the Photographic Society. |
| 2 | Ditto ditto Vol. XIII. No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |

Quarter ending 31st March 1900—continued.

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|--|-------------------------------------|----------|----------------------------------|---|--------------------------|--|---|--|--------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number |
| PERIODICALS—concl'd. | | | | | | | | | |
| 1899. | Pages. | | | | | Rs. A. P. | | | |
| Dec. 1st | 8 | 4 to cr. | 1st... | 1,250 | Printed. | 0 0 6 | ..... | A Christian paper containing among others, an article explaining briefly the principles of the "Phonograph." | 90 |
| 1900. | | | | | | | | | |
| Jan. 4th | 8 | 4 to cr. | 1st... | 1,500 | ditto ... | 0 0 6 | ..... | ..... | 91 |
| Feb. 1st | 8 | 4 to cr. | 1st... | 1,600 | ditto ... | 0 0 6 | ..... | ..... | 92 |
| 1899. | | | | | | | | | |
| Dec. 3rd | 12 | 8vo dy | 1st... | 500 | ditto ... | 0 1 6 | The editor, Ultá-dángá Calcutta. | A new Hindu paper containing articles interesting to the followers of Chaitanya. | 93 |
| 1900. | | | | | | | | | |
| Jan. 11th | 24 | 8vo dy | 1st... | 500 | ditto ... | 0 1 6 | Yatindra Náth Mitra, 3, Madan Mitra's Lane, Calcutta. | ditto ditto ... | 94 |
| " 11th | 24 | 8vo dy | 1st... | 500 | ditto ... | 0 1 6 | ditto ... | ditto ditto ... | 95 |
| 1899. | | | | | | | | | |
| Nov. 16th | 16 | f. c. | 1st... | 300 | ditto ... | 0 6 0 | The editor, 6, Dváraká Náth Tagore's Lane, Calcutta. | Is the organ of the Adi Brahmo Sámañ. | 96 |
| Dec. 15th | 16 | f. c. | 1st... | 300 | ditto ... | 0 6 0 | ditto ... | ditto ditto ... | 97 |
| 1900. | | | | | | | | | |
| Jan. 16th | 28 | f. c. | 1st... | 300 | ditto ... | 0 6 0 | ditto ... | ditto ditto ... | 98 |
| Feb. 16th | 24 | f. c. | 1st... | 300 | ditto ... | 0 6 0 | ditto ... | ditto ditto ... | 99 |
| Jan. 2nd | 16 | 8vo dy | 1st... | 350 | ditto ... | 0 1 0 | The editor, 8, Old Baitakkháná, 2nd Lane, Calcutta. | A Christian paper | 100 |
| " 15th | 64 | 8vo dy | 1st... | 500 | ditto ... | 0 4 0 | The editor, 73-1, Beniátolá Street, Calcutta. | Publishes a modernized version of the Vedánta Sár by the late Rájá Rám Mohan Ráy. It is one of the earliest prose works in Bengali, and gives a brief and succinct account of Vedantism. | 101 |
| Feb. 5th | 63 | 8vo dy | 1st... | 500 | ditto ... | 0 4 0 | ditto ... | This number gives, a modernised version of the preface to the Mándukyopanishad by the late Rájá Rám Mohan Ráy. This, like the work noticed above, is one of the earliest prose works in Bengali. | 102 |
| 1899. | | | | | | | | | |
| Dec. 2nd | 32 | 3vo dy | 1st... | 400 | ditto ... | 0 4 0 | The editor, 23, Madan Mitra's Lane, Calcutta. | This number contains some interesting and instructive articles on sanitation. | 103 |
| " 30th | 32 | 8vo dy | 1st... | 400 | ditto ... | 0 4 0 | ditto ... | ditto ditto ... | 104 |
| PERIODICALS. | | | | | | | | | |
| PERIODICALS. | | | | | | | | | |
| 1900. | | | | | | | | | |
| Jan. | 34 | 4to rl. | 1st... | 600 | ditto ... | 1 0 0 | A. W. Turner, Esq., 3-1, Maira Street, Calcutta. | Contains, as usual, much useful information about photography. | 1 |
| Feb. 5th | 32 | 4to rl. | 1st... | 600 | ditto ... | 1 0 0 | ditto ... | ditto ditto ... | 2 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-------------|--|--|---|----------------|--|---|
| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| II.—ENGLISH | | | | | | |
| MEDICINE. | | | | | | |
| 3 | The Calcutta Journal of Medicine. A Monthly Paper. Vol. XVIII. No. 7. | ditto ... | Edited by Mahendra Lal Sarkár. | Medicine. (E.) | Printed and published at 51, Sankaritolá Lane, Calcutta. | Printed and published by P. Sarkár. |
| 4 | Ditto ditto Vol. XVIII. No. 8. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 5 | Ditto ditto Vol. XVIII. No. 9. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 6 | Ditto ditto Vol. XVIII. No. 10. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 7 | Ditto ditto Vol. XVIII. No. 11. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 8 | Ditto ditto Vol. XVIII. No. 12. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 9 | The Indian Lancet. A Fortnightly Paper. Vol. XIV. No. 10. | ditto ... | Edited by Dr. L. Fernandez. | ditto ... | Printed and published at 6, Royd Street, Calcutta. | Printed and published by the editor. |
| 10 | Ditto ditto Vol. XIV. No. 11. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 11 | Ditto ditto XIV. No. 12. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 12 | Ditto ditto Vol. XV. No. 1. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 13 | Ditto ditto Vol. XV. No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 14 | Ditto ditto Vol. XV. No. 3. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 15 | Ditto ditto Vol. XV. No. 4. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 16 | Ditto ditto Vol. XV. No. 5. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |

Quarter ending 31st March 1900—continued.

| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|-------------------------------------|---------|----------------------------------|---|--------------------------|--|---|--|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| PERIODICALS—contd. | | | | | | | | | |
| 1899. | Pages. | | | | | Rs. A. P. | | | |
| Dec. 7th | 44 | 8vo dy | 1st... | 250 | Printed | 1 8 0 | The editor, 51, Sankaritolá Lane, Calcutta. | The article entitled "Sleep and Sleep-producing Remedies" is continued in this and the following number. The other articles are of professional interest. | 3 |
| Aug. 21st | 44 | 8vo dy | 1st... | 250 | ditto ... | 1 8 0 | ditto ... | Among the contents of this number, the article headed "Plague in Calcutta" by Dr. Hem Chandra Ray Chaudhuri, L. M. S., which is continued in the following two numbers, is interesting reading. | 4 |
| 1900. | | | | | | | | | |
| Jan. 9th | 44 | 8vo dy | 1st... | 250 | ditto ... | 1 8 0 | ditto ... | This number has an interesting article entitled "Must the Dose of the Homœopathic Medicine, be as small as can be prepared." | 5 |
| Feb. 11th | 44 | 8vo dy | 1st... | 250 | ditto ... | 1 8 0 | ditto ... | Contains articles of professional interest. | 6 |
| Mar. 1st | 44 | 8vo dy | 1st... | 250 | ditto ... | 1 8 0 | ditto ... | ditto ditto ... | 7 |
| " 16th | 44 | 8vo dy | 1st... | 250 | ditto ... | 1 8 0 | ditto ... | The article in this number headed "What is the True Homœopathic Formula, Similia Similibus Curantur or Curentur?" is deserving of mention. | 8 |
| 1899. | | | | | | | | | |
| Nov. 16th | 68 | 4 to dy | 1st... | 700 | ditto ... | 0 8 0 | The editor, 6, Royd Street, Calcutta. | The article entitled "The present attitude of the medical profession toward Illegal Practitioners." reproduced from the Canadian Journal of Medicine and Surgery will be read with interest. | 9 |
| Dec. 1st | 68 | 4 to dy | 1st... | 700 | ditto ... | 0 8 0 | ditto ... | Among the articles in this number the following two have special interest both for the public and the profession, viz "The place and the work of the Medical Profession and The Health of Calcutta taken from Dr. Cook's Annual Report." | 10 |
| " 16th | 68 | 4 to dy | 1st... | 700 | ditto ... | 0 8 0 | ditto ... | The article in this number entitled "Modern Parisian Practice" is deserving of notice. | 11 |
| 1900. | | | | | | | | | |
| Jan. 1st | 68 | 4 to dy | 1st... | 700 | ditto ... | 0 8 0 | ditto ... | ..... | 12 |
| " 16th | 68 | 4 to dy | 1st... | 700 | ditto ... | 0 8 0 | ditto ... | ..... | 13 |
| Feb. 1st | 68 | 4 to dy | 1st... | 700 | ditto ... | 0 8 0 | ditto ... | ..... | 14 |
| " 16th | 68 | 4 to dy | 1st... | 700 | ditto ... | 0 8 0 | ditto ... | Contains an interesting article headed "The Progress of Medicine in the Nineteenth century." | 15 |
| Mar. 1st | 68 | 4 to dy | 1st... | 700 | ditto ... | 0 8 0 | ditto ... | | 16 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
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| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| II.—ENGLISH | | | | | | |
| MEDICINE—concl'd. | | | | | | |
| 17 | Nava Chitkissá Vijnán. The New Medical Science. A Monthly Paper. Vol. II. No. 11. | English. | Edited by R. M. Haldár. | Medicine (E.) | Printed at 43, Vrindávan Basák's Street, and published at 79, Ahíritolá Street, Calcutta. | Printed by Sarat Chandra Banerji, and published by P. M. Haldár. |
| 18 | Ditto ditto Vol. II. No. 12. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 19 | Ditto ditto Vol. III. No. 1. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 20 | Ditto ditto Vol. III. No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| MISCELLANEOUS. | | | | | | |
| 21 | British Indian Templar. A Monthly Magazine. Vol. II. No. 1. | ditto ... | Edited by Fr. Gr. Mr. Ser-gt-Major A. Maddocks. | Miscellane-ous. | Printed at 249, Bowbazar Street, Calcutta, and published at 61, Magdala Road, Rawalpindi. | Printed by I. C. Basu & Co., and published by the editor. |
| 22 | Ditto ditto. Vol. II. No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 23 | Ditto ditto. Vol. II. No. 3. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 24 | Ditto ditto Vol. II. No. 4. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 25 | Ditto ditto Vol. II. No. 5. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 26 | Ditto ditto Vol. II. No. 6. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 27 | Journal of the Asiatic Society of Bengal. Vol. LXVIII. Part. II. No.—3, 1899. | ditto ... | Edited by the Natural History Society. | ditto ... | Printed at 41, Lower Circular Road, and published at 57, Park Street, Calcutta. | Printed by Rev. J. W. Thomas, and published by the Asiatic Society of Bengal. |
| 28 | Proceedings and Journal of the Agricultural and Horticultural Society of India. For October to December 1899. | ditto ... | Edited by P. Lancaster. | ditto ... | Printed at 1, Clive Row, and published at the Metcalfe Hall, Calcutta. | Printed by G. W. Taylor and published by the Agri-Horticultural Society of India. |
| 29 | Round the Indian World A Monthly Paper. For November, 1899. | ditto ... | Edited by L. Fernandez. | ditto ... | Printed and published at 6, Royd Street, Calcutta | Printed and published by the editor. |
| 30 | Ditto ditto For December, 1899. | ditto ... | ditto ... | ditto ... | ditto ditto ... | Printed and published by W. A. Woodhouse. |
| 31 | Ditto ditto For January, 1900. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 32 | "Stamps." A Monthly Paper. Vol. III. No. 3. | ditto ... | Edited by B. Gordon Jones. | ditto ... | Printed at 11-1, British Indian Street, and published at 62-1, Bentinck Street, Calcutta. | Printed by Atal Vihari Das, and published by the Calcutta Philatelic & Co. |
| 33 | Ditto ditto Vol. III. No. 4. | ditto ... | ditto ... | ditto ... | Printed at 11-1, British Indian Street, and published at 7, Mangoe Lane, Calcutta. | ditto ditto ... |
| 34 | The Brahmachárin. A Religious Student. A Monthly Paper. Vol. I. No. 1. | ditto ... | Edited by Jadu Nath Majum-dár, M.A., B.L. | ditto ... | Printed and published at the Hindu Patriká Press, Jessore. | Printed and published by K. P. Chatterji. |
| 35 | Ditto ditto Vol. I. No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |

Quarter ending 31st March 1900—continued.

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| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor or any person of it. | REMARKS. | Number. |
| PERIODICALS—contd. | | | | | | | | | |
| 1900. | Pages. | | | | | | | | |
| Jan. 31st | 8 | 8vo rl | 1st... | 500 | Printed. | 0 12 0 (yearly.) | P. M. Haldar. | A monthly journal of Electro-Homoeopathy. | 17 |
| Feb. 20th | 8 | 8vo rl | 1st... | 500 | ditto ... | 0 12 0 (yearly.) | ditto ... | ditto ditto ... | 18 |
| Mar. 3rd | 8 | 8vo rl | 1st... | 500 | ditto ... | 0 12 0 | ditto ... | Contains reports of cases cured by Electro-Homoeopathy. | 19 |
| " 10th | 8 | 8vo rl | 1st... | 500 | ditto ... | 0 12 0 (yearly.) | ditto ... | Advocates the establishment of an Electro-Homoeopathic Institution in Calcutta. | 20 |
| 1899. | | | | | | | | | |
| Nov. 14th | 22 | 8vo srl | 1st... | 500 | ditto ... | 0 4 0 | The editor, Rawalpindi. | A monthly journal devoted to the interests of Temperance reform in India. | 21 |
| Dec. 5th | 20 | 8vo srl | 1st... | 500 | ditto ... | 0 4 0 | ditto ... | ditto ditto ... | 22 |
| Dec. 21st | 20 | 8vo srl | 1st... | 500 | ditto ... | 0 4 0 | ditto ... | ditto ditto ... | 23 |
| 1900. | | | | | | | | | |
| Jan. 1st | 20 | 8vo srl | 1st... | 600 | ditto ... | 0 4 0 | ditto ... | ditto ditto ... | 24 |
| Feb. 10th | 23 | 8vo srl | 1st... | 700 | ditto ... | 0 4 0 | ditto ... | ditto ditto ... | 25 |
| Mar. 5th | 26 | 8vo srl | 1st... | 800 | ditto ... | 0 4 0 | ditto ... | ditto ditto ... | 26 |
| Jan. 18th | 112 | 8vo rl | 1st... | 650 | ditto ... | ... | ..... | ..... | 27 |
| Jan. 24th | 33 | 8vo dy | 1st... | 500 | ditto ... | ... | The Agri-Horticultural Society of India, Metcalfe Hall, Calcutta. | ..... | 28 |
| 1899. | | | | | | | | | |
| Nov. 16th | 20 | 4to dy | 1st... | 500 | ditto ... | 0 4 0 | The editor, 6 Royd Street, Calcutta. | Contains articles of general interest. | 29 |
| Dec. 16th | 28 | 4to dy | 1st... | 500 | ditto ... | 0 4 0 | ditto ... | ditto ditto ... | 30 |
| 1900. | | | | | | | | | |
| Jan. 16th | 28 | 4to dy | 1st... | 300 | ditto ... | 0 4 0 | ditto ... | ditto ditto ... | 31 |
| 1899. | | | | | | | | | |
| Nov. 2nd | 12 | 8vo rl | 1st... | 600 | ditto ... | 0 12 0 (yearly.) | The editor, 62-1, Bentinck Street, Calcutta. | A monthly philatelic Journal. | 32 |
| Dec. 30th | 8 | 8vo rl | 1st... | 600 | ditto ... | 0 12 0 (yearly.) | The editor, 7, Mangoe Lane, Calcutta. | ditto ditto ... | 33 |
| | 12 | 4to dy | 1st... | ... | ditto ... | 0 6 0 | | Is a new monthly magazine started in the beginning of this year, devoted to Hindu Social, Religious and Moral Reforms. | 34 |
| | 12 | 4to dy | 1st... | ... | ditto ... | 0 6 0 | | | 35 |

CATALOGUE OF BOOKS for the First

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| II.—ENGLISH | | | | | | |
| | MISCELLANEOUS— <i>contd.</i> | | | | | |
| 36 | The Calcutta University Magazine. A Monthly Paper. Vol. VI. No. 8. | English. | Edited by the Secretaries of the Calcutta University Institute. | Miscellaneous. | Printed and published at 249, Bowbazar Street, Calcutta. | Printed and published by I. C. Basu & Co. |
| 27 | Ditto ditto Vol. VI. No. 9. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 38 | Ditto ditto Vol. VI. No. 10. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 39 | Ditto ditto Vol. VI. No. 11. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 40 | The Calcutta Monthly. A Monthly Paper. Vol. IV. No. 10. | ditto ... | Edited by Abdul Ghani. | ditto ... | Printed at 21, Valarain Ghosh's Street, and published at 8, Marsden Street, Calcutta. | Printed by Gopal Chandra Lahiri, and published by the editor. |
| 41 | Ditto ditto Vol. IV. No. 11. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 42 | Ditto ditto Vol. IV. No. 12. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 43 | The Calcutta Review. A Quarterly Journal. For January 1900. | ditto ... | Edited by James W. Furrell. | ditto ... | Printed and published at 12, Bentinck Street, Calcutta. | Printed and published by J. S. Eastwood. |
| 44 | The Dawn. A Monthly Magazine. Vol. III. No. 3. | ditto ... | Edited by Satish Chandra Mukherji. | ditto ... | Printed and published at 26, Scott's Lane, Calcutta. | Printed and published by Sanyal & Co. |
| 45 | Ditto ditto Vol. III. No. 4. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 46 | Ditto ditto Vol. III. No. 5. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 47 | The Gardener's Magazine. A Monthly Paper. Vol. I. No. 3. | ditto ... | Edited by Bhuvan Mohan Ray. | ditto ... | Printed and published at the Alipur Press, Alipur. | Printed by Giris Chandra Ray, and published by the editor. |
| 48 | Ditto ditto Vol. II. No. 1. | ditto ... | ditto ... | ditto ... | Printed at the New Town Press, Bhowanipur, and published at 8, Gopalnagar Road, Alipur Calcutta. | Printed by M. N. Mitra, and published by the editor. |
| 49 | Ditto ditto Vol. II. No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 50 | Ditto ditto Vol. II. No. 3. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |

Quarter ending 31st March 1900—continued.

| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|-------------------------------------|---------|----------------------------------|---|--------------------------|--|--|---|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| PERIODICALS—contd. | | | | | | | | | |
| 1899. | Pages. | | | | | Rs. A. P. | | | |
| Oct. 7th | 18 | 4 to dy | 1st... | 500 | Printed. | 0 3 0 | The Calcutta University Institute, East Wing Hindu School, College Street, Calcutta. | Treats of literary and educational topics. | 36 |
| Nov. 7th | 18 | 4 to dy | 1st... | 500 | ditto ... | 0 3 0 | ditto ... | ditto ditto ... | 37 |
| 1900. | | | | | | | | | |
| Jan. 4th | 18 | 4 to dy | 1st... | 500 | ditto ... | 0 3 0 | ditto ... | ditto ditto ... | 38 |
| Mar. 2nd | 18 | 4 to dy | 1st... | 500 | ditto ... | 0 3 0 | ditto ... | ditto ditto ... | 39 |
| 1899. | | | | | | | | | |
| Dec. 13th | 16 | 4 to dy | 1st... | 250 | ditto ... | 0 3 0 | Abdul Ghani, 8, Marsden Street, Calcutta. | ..... | 40 |
| " 13th | 16 | 4 to dy | 1st... | 250 | ditto ... | 0 3 0 | ditto ... | ..... | 41 |
| 1900. | | | | | | | | | |
| Jan. 17th | 16 | 4 to dy | 1st... | 200 | ditto ... | 0 3 0 | ditto ... | ..... | 42 |
| " 15th | 208 | 8 vo dy | 1st... | 300 | ditto ... | 4 0 0 | Alfred V. S. Smith, 12, Bentinck Street, Calcutta. | The contents of this number are, as usual, varied and interesting. The articles entitled "The Great Anarchy, Language, the Social Constitution of the Aryan Hindus, and Why the native press should be Licensed" are of special interest. In this last-mentioned article, the writer strongly advocates the abolition of a free press in India. | 43 |
| 1899. | | | | | | | | | |
| Dec. 12th | 32 | 8 vo rl | 1st... | 750 | ditto ... | 0 6 0 | Satis Chandra Mukherji, Bhawanipur. | Contains articles on a variety of topics, among which those entitled, "The Economic Situation in India and its Re-action on Indian Social Organisation and the "Vedānta Doctrine of Sankarāchāryya," which are continued in the next two numbers, are interesting reading. | 44 |
| 1900. | | | | | | | | | |
| Jan. 14th | 32 | 8 vo rl | 1st... | 750 | ditto ... | 0 6 0 | ditto ... | ..... | 45 |
| Feb. 18th | 32 | 8 vo rl | 1st... | 750 | ditto ... | 0 6 0 | ditto ... | The article entitled The Modern Nyāya in Hindu Philosophy: An Historical Retrospect by Mahāmahopādhyāy Mahes Chandra Nyāyaratana deserves perusal. | 46 |
| 1899. | | | | | | | | | |
| Dec. 6th | 24 | 8vo dy | 1st... | 700 | ditto ... | 0 2 0 | Bhavan Mohan Rāy, 8, Gopālnagara Road, Alipur, Calcutta. | This journal is devoted to Gardening and Agriculture, &c. | 47 |
| 1900. | | | | | | | | | |
| Jan. 15th | 12 | 8vo dy | 1st... | 600 | ditto ... | 0 2 0 | ditto ... | ..... | 48 |
| Feb. 12th | 26 | 8vo dy | 1st... | 600 | ditto ... | 0 2 0 | ditto ... | ..... | 49 |
| Mar. 11th | 12 | 8vo dy | 1st... | 600 | ditto ... | 0 2 0 | ditto ... | ..... | 50 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-------------|--|--|---|----------------|--|--|
| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| II.—ENGLISH | | | | | | |
| | MISCELLANEOUS— <i>concluded</i> . | | | | | |
| 51 | The Gardening Circular. A Monthly Paper. Vol. I. No. 4. | English. | Edited by Manmatha Nath Mitra. | Miscellaneous. | Printed at 21, Valaram Ghosh's Street, and published at 181, Upper Chitpur Road, Calcutta. | Printed by Gopal Chandra Lahiri, and published by the editor. |
| 52 | The Light of the East. A Monthly Paper. Vol. VII. No. 9. | ditto ... | Edited by S. C. Mukherji. | ditto ... | Printed at 4, Gulu Ostágar's Lane, and published at 20, Grey Street, Calcutta. | Printed by Bhút Nath Máná, and published by the editor. |
| 53 | Ditto ditto Vol. VII. No. 10. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 54 | Ditto ditto Vol. VII. No. 11. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 55 | Ditto ditto Vol. VII. No. 12. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 56 | Ditto ditto Vol. VIII. No. 1. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 57 | Ditto ditto Vol. VIII. No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 58 | Ditto ditto Vol. VIII. No. 3. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 59 | The National Magazine. A monthly paper. Vol. XIII. No. 9. | ditto ... | Edited by Kálpasana Dá. | ditto ... | Printed at 8, Syed Salley's Lane, and published at 32, Káldás Síha's Lane, Calcutta. | Printed by Mahammad Hossain, and published by the editor. |
| 60 | Ditto ditto Vol. XIII. No. 10. | ditto ... | ditto ... | ditto ... | ditto ditto ... | Printed by S. A. Hákim, and published by the editor. |
| 61 | Ditto ditto Vol. XIII. No. 11. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 62 | Ditto ditto Vol. XIII. No. 12. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 63 | The New Age. A Monthly Paper. Vol. III. No. 3. | ditto ... | Edited by S. C. Mukherji. | ditto ... | Printed at 4, Gulu Ostágar's Lane, and published at 20, Grey Street, Calcutta. | Printed by Bhút Nath Máná, and published by the editor. |
| 64 | Ditto ditto Vol. III. No. 4. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 65 | Ditto ditto Vol. III. No. 5. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 66 | Ditto ditto Vol. III. No. 6. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 67 | Ditto ditto Vol. III. No. 7. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 68 | Ditto ditto Vol. III. No. 8. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 69 | Ditto ditto Vol. III. No. 9. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 70 | The Oriental. A Monthly Paper. Vol. II. No. 2. | ditto ... | Edited by Manmatha Nath Datta. | ditto ... | Printed and published at 65-2, Beadon Street, Calcutta. | Printed by Hari Charan Dás, and published by the Society for the Resuscitation of Indian Literature. |
| | RELIGION. | | | | | |
| 71 | Monthly Record of News and Notes. A Monthly Paper, for December, 1899. | ditto ... | Edited by H. Rylands Brown. | Religion. (C.) | Printed at 41, Lower Circular Road, Calcutta, and published at Darjeeling. | Printed by Rev. J. W. Thomas, and published by the editor. |
| 72 | Ditto ditto. For January, 1900. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 73 | Ditto ditto. For February, 1900. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 74 | Our Bond. A Monthly Paper. For November, 1899. | ditto ... | Edited by Mrs. Barry. | ditto ... | Printed at 41, Lower Circular Road, Calcutta, and published at Noakhali. | Printed by J. W. Thomas, and published by the editor. |
| 75 | Ditto ditto. For December, 1899. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |

Quarter ending 31st March 1900—continued.

| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|-------------------------------------|---------|----------------------------------|---|--------------------------|--|---|--|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| PERIODICALS—contd. | | | | | | | | | |
| 1899. | Pages. | | | | | Rs. A. P. | | | |
| Dec. 21st | 16 | 8vo dy | 1st... | 500 | Printed. | 0 4 0 | The Editor, 181, Upper Chitpur Road, Calcutta. | ..... | 51 |
| July 23rd | 30 | 8vo rl. | 1st... | 700 | ditto ... | 0 4 0 | ..... | Contains as usual articles of philosophic and religious interest. | 52 |
| Aug. 22nd | 30 | 8vo rl. | 1st... | 700 | ditto ... | 0 4 0 | ..... | ditto ditto ... | 53 |
| Sep. 21st | 30 | 8vo rl. | 1st... | 700 | ditto ... | 0 4 0 | ..... | ditto ditto ... | 54 |
| Oct. 20th | 30 | 8vo rl. | 1st... | 700 | ditto ... | 0 4 0 | ..... | ditto ditto ... | 55 |
| ..... | 30 | 8vo rl. | 1st... | 700 | ditto ... | 0 4 0 | ..... | ..... | 56 |
| Nov. 30th 1900. | 28 | 8vo rl. | 1st... | 700 | ditto ... | 0 4 0 | ..... | ..... | 57 |
| Jan. 17th | 28 | 8vo rl. | 1st... | 700 | ditto ... | 0 4 0 | ..... | This number has an article entitled "The Grounds and Principles of the Hindu Social and Religious Constitution." | 58 |
| 1899. | | | | | | | | | |
| Dec. 17th | 36 | 8vo rl. | 1st... | 1,000 | ditto ... | 1 0 0 | The editor. | ..... | 59 |
| 1900. | | | | | | | | | |
| Jan. 17th | 45 | 8vo rl. | 1st... | 1,000 | ditto ... | 1 0 0 | ditto ... | This number contains an interesting article headed "A Kerani's Life Unenviable." | 60 |
| Feb. 15th | 42 | 8vo rl. | 1st... | 1,000 | ditto ... | 1 0 0 | ditto ... | The article entitled "Travels in Southern India" in this and the following number deserves perusal. | 61 |
| 1899. | | | | | | | | | |
| Mar. 12th | 40 | 8vo rl. | 1st... | 1,000 | ditto ... | 1 0 0 | ditto ... | ..... | 62 |
| June 24th | 32 | 4to er. | 1st... | 1,000 | ditto ... | 0 4 0 | ..... | Contains, articles on a variety of topics. | 63 |
| July 23rd | 32 | 4to er. | 1st... | 1,000 | ditto ... | 0 4 0 | ..... | ditto ditto ... | 64 |
| Aug. 22nd | 32 | 4to er. | 1st... | 1,600 | ditto ... | 0 4 0 | ..... | ditto ditto ... | 65 |
| Sep. 21st | 32 | 4to er. | 1st... | 1,600 | ditto ... | 0 4 0 | ..... | ditto ditto ... | 66 |
| Oct. 29th | 32 | 4to er. | 1st... | 1,600 | ditto ... | 0 4 0 | ..... | ditto ditto ... | 67 |
| Nov. 30th 1900. | 32 | 4to er. | 1st... | 1,600 | ditto ... | 0 4 0 | ..... | ditto ditto ... | 68 |
| Jan. 16th | 32 | 4to er. | 1st... | 1,200 | ditto ... | 0 4 0 | ..... | ditto ditto ... | 69 |
| " 4th | 24 | 8vo rl. | 1st... | 1,000 | ditto ... | 2 0 0 yearly. | Manmatha Nath Datta, 65-2, Beadon Street, Calcutta. | Contains articles dealing with "Propagation of Ancient Wisdom, Faith and Religion". | 70 |
| 1899. | | | | | | | | | |
| Nov. 30th | 4 | 8vo rl. | 1st... | 200 | ditto ... | ... | ..... | A Christian paper. | 71 |
| 1900. | | | | | | | | | |
| Jan. 5th | 4 | 8vo rl. | 1st... | 200 | ditto ... | ... | ..... | ..... | 72 |
| Feb. 8th | 4 | 8vo rl. | 1st... | 100 | ditto ... | ... | ..... | ..... | 73 |
| 1899. | | | | | | | | | |
| Nov. 23rd | 4 | 4 to dy | 1st... | 275 | ditto ... | ... | ..... | ..... | 74 |
| 1900. | | | | | | | | | |
| Jan. 5th | 5 | 4 to dy | 1st... | 275 | ditto ... | ... | ..... | ..... | 75 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-------------|---|--|---|----------------|---|---|
| Number. | Title (to be translated into English when the title-page is not in that language). | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer and name or firm of publisher. |
| II.—ENGLISH | | | | | | |
| | RELIGION—contd. | | | | | |
| 76 | Pariah Magazine. A Monthly Paper. For January, 1900. | English. | Edited by Rev. H. Gouldsmith. | Religion (C.) | Printed and published at 12, Bentinck Street, Calcutta. | Printed by J. S. Eastwood, and published by the editor. |
| 77 | Ditto ditto For February, 1900. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 78 | The India Sunday School Journal. A Monthly Journal. Vol. IX. No. 12. | ditto ... | Edited by Rev. R. Burges. | ditto ... | Printed and published at 41, Lower Circular Road, Calcutta. | Printed by Rev. J. W. Thomas, and published by the Indian Sunday School Union. |
| 79 | Ditto ditto Vol. X. No. 1. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 80 | Ditto ditto Vol. X. No. 2. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| III.—GARO | | | | | | |
| | RELIGION. | | | | | |
| 1 | Achikani Ripeng. A Monthly Paper. For November, 1899. | Garó. | Edited by M. C. Mason. | Religion. (C.) | Printed at the Baptist Mission Press, Calcutta, and published at Turá Assam. | Printed by Rev. J. W. Thomas, and published by the Garó Mission, American Baptist Missionary Union. |
| 2 | Ditto ditto For December, 1899. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 3 | Ditto ditto For January, 1900. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| IV.—HINDI | | | | | | |
| | RELIGION. | | | | | |
| 1 | Chhotá Nagpur Dátpatriká. The Chhotá Nagpur Messenger. A Monthly Paper. For December, 1899. | Hindi. | Edited by Pandit Bholá Náth. | Religion. (C.) | Printed at the Baptist Mission Press, Calcutta, and published at Ranchi. | Printed by J. W. Thomas, and published by S. P. G. Mission. |
| 2 | Ditto ditto For January, 1900. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 3 | Ditto ditto For February, 1900. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| V.—SANSKRIT | | | | | | |
| | MISCELLANEOUS. | | | | | |
| 1 | Vidyodayah. The Dawn of Learning. Vol. XXVIII. Nos. 8 and 9 (together.) | Sanskrit. | Edited by Hrishikesa Sástrí. | Miscellaneous. | Printed at 100-2, Mechhuá Bazar Street, Calcutta, and published at Bhátpará, 24-Perganas. | Printed by Visva Náth Nandí, and published by the editor. |
| 2 | Ditto ditto Vol. XXVIII. No. 10. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 3 | Ditto ditto Vol. XXVIII. No. 11. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 4 | Ditto ditto Vol. XXVIII. No. 12. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 5 | Ditto ditto Vol. XXIX No. 1. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| VI.—URDU | | | | | | |
| | RELIGION. | | | | | |
| 1 | Mukhzan-e-Tahkik. Collection of Enquiry. | Urdu. | Mahammad Abdul Wahed | Religion. (M). | Lithographed and published at the Hanáfa Press, Patna City. | Lithographed and published by Abdul Wahed. |
| 2 | Ditto ditto ... | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| VII.—URIYA | | | | | | |
| | RELIGION. | | | | | |
| 1 | Bhagavat Bhakti Pradáyni. Páksihik Patriká. A Fortnightly Paper awakening Devotion to God. | Uriya. | Narsing Charan Dás and Vraja Mohan Nandí. | Religion. (H). | Printed and published at the Darpadró Press, Cuttack. | Printed and published by Adam Samuel. |

Quarter ending 31st March 1900—continued.

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|--|-------------------------------------|----------|----------------------------------|---|--------------------------|--|--|--|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor or any portion of it. | REMARKS. | Number. |
| PERIODICALS—contd. | | | | | | | | | |
| 1900. | Pages. | | | | | Rs. A. P. | | | |
| Jan. | 12 | 4 to cr. | 1st... | 460 | Printed. | 0 2 0 | The Old Church, Calcutta. | ..... | 76 |
| Feb. 16th | 12 | 4 to cr. | 1st... | 460 | ditto ... | 0 2 0 | ditto ... | ..... | 77 |
| 1899. | | | | | | | | | 78 |
| Nov. 21st | 32 | 8vo dy | 1st... | 1,200 | ditto ... | 0 2 0 | ..... | A missionary paper. | |
| Dec. 22nd | 50 | 8vo dy | 1st... | 1,200 | ditto ... | 0 3 0 | ..... | ..... | 79 |
| 1900. | | | | | | | | | |
| Jan. 18th | 49 | 8vo dy | 1st... | 1,250 | ditto ... | 0 3 0 | ..... | ..... | 80 |
| PERIODICALS. | | | | | | | | | |
| 1899. | | | | | | | | | |
| Nov. 28th | 16 | 8vo cr. | 1st... | 650 | ditto ... | ... | ..... | A religious monthly. | 1 |
| Dec. 30th | 16 | 8vo cr. | 1st... | 650 | ditto ... | ... | ..... | ..... | 2 |
| 1900. | | | | | | | | | |
| Jan. 18th | 16 | 8vo cr. | 1st... | 750 | ditto ... | ... | ..... | ..... | 3 |
| PERIODICALS. | | | | | | | | | |
| 1899. | | | | | | | | | |
| Dec. 5th | 4 | 4 to dy. | 1st... | 400 | ditto ... | 0 0 6 | ..... | A Christian monthly. | 1 |
| 1900. | | | | | | | | | |
| Jan. 9th | 4 | 4 to dy. | 1st... | 400 | ditto ... | 0 0 6 | ..... | ..... | 2 |
| Feb. 1st | 4 | 4 to dy. | 1st... | 400 | ditto ... | 0 0 6 | ..... | ..... | 3 |
| PERIODICALS. | | | | | | | | | |
| 1899. | | | | | | | | | |
| Nov. 8th | 48 | 12mo rl | 1st... | 300 | ditto ... | 0 4 0 | The editor, Bhātpārā, 24 Perganās. | All the numbers of this journal go on publishing various Sanskrit works, among which an original commentary on the Sarvadars anasangraha may be selected for notice. | 1 |
| 1900. | | | | | | | | | |
| Jan. 2nd | 24 | 12mo rl | 1st .. | 300 | ditto ... | 0 4 0 | ditto ... | ..... | 2 |
| ... | 24 | 12mo rl | 1st... | 300 | ditto ... | 0 4 0 | ditto ... | ..... | 3 |
| Jan. 26th | 24 | 12mo rl | 1st... | 300 | ditto ... | 0 4 0 | ditto ... | ..... | 4 |
| Mar. 6th | 24 | 12mo rl | 1st... | 300 | ditto ... | 0 4 0 | ditto ... | ..... | 5 |
| PERIODICALS. | | | | | | | | | |
| 1900. | | | | | | | | | |
| Jan. 7th | 44 | 8vo dy | 1st... | 500 | Lithographed. | 2 0 0 yearly. | Mahamad Abdul Wahed, Lodi Kātrā, Patna City. | Contains <i>masāls</i> relating to the Muhammadan religion. | 1 |
| Feb. 7th | 44 | 8vo dy | 1st... | 500 | ditto ... | 2 0 0 yearly. | ditto ... | ..... | 2 |
| PERIODICALS. | | | | | | | | | |
| " 15th | 16 | 16mo dy | 1st... | 1,000 | ditto ... | 0 1 0 | The authors, Cuttack. | A new journal discussing the nature of the devotion of God and other matters. | 1 |

CATALOGUE OF BOOKS for the First

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-------------------------|---|--|---|----------------|--|--|
| Number. | Title (to be translated into English when the title-page is not in that language.) | Language in which the book is written. | Name of author, translator, or editor of the book, or any part of it. | Subject. | Place of printing and place of publication. | Name or firm of printer, and name or firm of publisher. |
| BI-LINGUAL | | | | | | |
| I.—BENGALI AND | | | | | | |
| MEDICINE. | | | | | | |
| 1 | The Indian Homœopathic Review. A monthly Paper. Vol. IX. Nos. 1 and 2 (together) | Bengali and English. | Edited by P. C. Majumdar. | Medicine. (E). | Printed at 10, Sambhu Chandra Chatterji's Street, and published at 203-1, Cornwallis Street, Calcutta. | Printed by U. C. Rakshit, and published by K. L. Bāgchi. |
| 2 | Ditto ditto Vol. IX. Nos. 3, 4 and 5 (together.) | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 3 | Ditto ditto Vol. IX. No. 8. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 4 | Ditto ditto Vol. IX. No. 9. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 5 | Ditto ditto Vol. IX. No. 10. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 6 | Ditto ditto Vol. IX. No. 11 & 12 (together.) | ditto ... | ditto ... | ditto ... | Printed at 68, College Street, and published at 203-1, Cornwallis Street, Calcutta. | Printed by Kunja Vihārī De, and published by K. L. Bāgchi. |
| II.—BENGALI AND | | | | | | |
| RELIGION. | | | | | | |
| 1 | Hindu Patrikā. The Hindu Magazine. Vol. VI. No. 9. | Bengali and Sanskrit. | Edited by Yadu Nāth Majumdar. | Religion. (H.) | Printed and published at Jessore. | Printed and published by Kālī Prasanna Chatterji. |
| 2 | Ditto ditto Vol. VI. No. 10. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 3 | Sasangini Sajjanatoshani. The delighter of good (men) together with the Sangini (the Female Companion) A monthly paper. Vol. XI. No. 6. | ditto ... | Edited by Kedār Nāth Datta. | ditto ... | Printed at 133, Masjidbāri Street, and published at 181, Māniktalā Street, Rāmbāgān, Calcutta. | Printed by Yogendra Nāth Chakravartī, and published by Rādhikā Prasād Datta. |
| 4 | Ditto ditto Vol. XI. No. 7. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 5 | Ditto ditto Vol. XI. No. 8. | ditto ... | ditto ... | ditto ... | ditto ditto ... | ditto ditto ... |
| 6 | Ditto ditto Vol. XI. No. 9. | ditto ... | ditto ... | ditto ... | Printed at 21, Valarām Ghosh's Street, and published at 181, Māniktalā Street. | Printed by Gopāl Chandra Lahiri, and published by Rādhikā Prasād Datta. |
| 7 | Ditto ditto Vol. XI. No. 10. | ditto ... | ditto ... | ditto ... | Printed at 133, Masjidbāri Street, and published at 181, Māniktalā Street, Rāmbāgān, Calcutta. | Printed by Yogendra Nāth Chakravartī, and published by Rādhikā Prasād Datta. |
| III.—ENGLISH AND | | | | | | |
| RELIGION. | | | | | | |
| 1 | Journal of the Buddhist Text and Anthropological Society. A monthly paper. Vol. VI. No. 4. | English and Sanskrit. | Edited by Sarat Chandra Dās, C.I.E. | ditto ... | Printed at 41, Lower Circular Road, and published at 86-2, Jānbāzār Street, Calcutta. | Printed by Rev. J. W. Thomas, and published by the Buddhist Text Society. |

Quarter ending 31st March 1900—continued.

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|--|-------------------------------------|---------|----------------------------------|---|--------------------------|--|---|---|---------|
| Date of issue from the press, or place of publication. | Number of sheets, leaves, or pages. | Size. | First, second, or other edition. | Number of copies of which the edition consists. | Printed or lithographed. | Price at which the book is sold to the public. | Name and residence of proprietor of copyright or any portion of it. | REMARKS. | Number. |
| PERIODICALS. | | | | | | | | | |
| ENGLISH PERIODICALS. | | | | | | | | | |
| 1899. | Pages. | | | | | Rs. A. P. | | | |
| Dec. 26th | 48 | 8vo dy | 1st... | 200 | Printed. | 0 8 0 | The editor, 203-1, Cornwallie Street, Calcutta. | ..... | 1 |
| 1900. | | | | | | | | | |
| Feb. 24th | 64 | 8vo dy | 1st... | 200 | ditto ... | 0 8 0 | ditto ... | ... .. | 2 |
| 1899. | | | | | | | | | |
| Dec. 6th | 32 | 8vo dy | 1st... | 250 | ditto ... | 0 8 0 | ditto ... | ..... | 3 |
| " 8th | 32 | 8vo dy | 1st... | 250 | ditto ... | 0 8 0 | ditto ... | ..... | 4 |
| " 20th | 32 | 8vo dy | 1st... | 250 | ditto ... | 0 8 0 | ditto ... | ..... | 5 |
| 1900. | | | | | | | | | |
| Feb. 16th | ... | 8vo dy | 1st... | 200 | ditto ... | 0 8 0 | ditto ... | ..... | 6 |
| SANSKRIT PERIODICALS. | | | | | | | | | |
| ..... | 32 | 8vo rl. | 1st... | ... | ditto .. | 0 3 0 | ..... | The publication of the aphorisms of Mīmāṃsā Philosophy with notes and a Bengali translation is commenced in this issue. | 1 |
| ..... | 32 | 8vo rl. | 1st... | ... | ditto ... | 0 3 0 | ..... | The publication of the aphorisms Kanéda with notes and a Bengali translation is commenced in this issue. | 2 |
| Jan. 15th | 32 | 12mo dy | 1st... | 460 | ditto ... | 0 1 3 | The editor, 181, Māniktalā Street, Rāmbāgān, Calcutta. | A Hindu religious paper containing articles specially interesting to Vaishnavs. | 3 |
| " 20th | 12 | 12mo dy | 1st... | 460 | ditto ... | 0 1 3 | ditto ... | This number publishes with a Bengali translation, a Sanskrit work named Sri Chaitanya Rahasyam explaining the tenets of Vaishnavism. | 4 |
| " 25th | 36 | 12mo dy | 1st... | 460 | ditto ... | 0 1 3 | ditto ... | ..... | 5 |
| " 20th | 36 | 12mo dy | 1st... | 500 | ditto ... | 0 1 3 | ditto ... | Publishes the Sri Rūpachintāmani with notes and a Bengali translation. | 6 |
| " 30th | 32 | 12mo dy | 1st... | 460 | ditto ... | 0 1 3 | ditto ... | ..... | 7 |
| SANSKRIT PERIODICALS. | | | | | | | | | |
| " 9th | 48 | 8vo rl. | 1st... | 1,000 | ditto ... | ..... | ..... | Among the articles in this number those entitled Municipal Institutions in ancient India, The Mādhyamikā Aphorism and Synopsis of the duties of a Buddhist, deserve special notice. | 1 |

| 1. | 2. | 3. | 4. | 5. | 6. | 7. |
|---------|---|--|--|--|---|---|
| Number. | The title of the book, and the contents of the title-page, with a translation into English of such title or contents when the same are not in the English language. | The place of printing and the place of publication. | The name or firm of the printer, and the name or firm of the publisher. | The date of issue from the press, or of publication. | The name and residence of the proprietor of the copyright, or of any portion of such copyright. | The date on which the entry was registered. |
| 1 | Child's Primer. | Printed and published at the Central Press, Dinapur. | Printed by Chandí Charan Mukherji, and published by Avinás Chandra Chatterji. | 1899. 26th April ... | Avinás Chandra Chatterji, Head Master, Dinapur H. E. School, Dinapur. | ..... |
| 2 | Moksha ki Kujjī. A Key to Salvation. | Printed and published at the T. P. Saha & Co's. Press, Dinapur. | Printed and published by Thákur Prasád Saha. | 5th August ... | Thákur Prasád Saha Inlitalá, Dinapur. | ..... |
| 3 | Bhagyodaya. Dawn of Fortune. | ditto ... | ditto ... | 5th August ... | ditto ... | ..... |
| 4 | Ráji Nárán O Ráj Chandra Chaudhurī Larái. Quarrel between Ráj Nárán and Ráj Chandra Chaudurī. | Printed and published at Noakháli. | Printed by Sasi-bhúsan Dás, and published by Mahammad Abdul Jabbar. | ..... | Mahammad Abdul Jabbar. | ..... |
| 5 | Lieutenant Sures Vivas : His Life and Adventures. | Printed at 12, Waterloo Street, and published at 3, Bholá Náth Kundu's Lane, Calcutta. | Printed by W. J. Penheiro, and published by Páneh Kari Dás. | 29th Sept. ... | Páneh Kari Dás, 3, Bholá Náth Kundu's Lane, Grey Street, Calcutta. | 1899. 29th Sept. ... |
| 6 | Jagat Darshan. View of the World. Vol. I. Nos. 1 to 16. | Printed at 75, Cotton Street, and published at 131, Harrison Road, Calcutta. | Printed by Dakshiná Charan Chakravartí, and published by Jválá Náth Nágur. | 3rd Oct. ... | Jválá Náth Nágur, B. A. B. L. 131, Harrison Road, Calcutta. | 7th Oct. ... |
| 7 | Bhábuk. The Thinker, Part II. | Printed at 24, Giris Vidyaratna's Lane, Calcutta, and published at Dibrugarh, Assam. | Printed by Sasi-bhúsan Bhattá-cháryya, and published by Rajani Kánta Sarmá Majumdár. | 14th Sept. ... | Rajani Kánta Sarmá Majumdár, Dibrugarh, Assam. | 7th Oct. ... |
| 8 | The National English Reader, Fourth Book. | Printed and published at 3, Hastings Street, Calcutta. | Printed and published by Jay Gopal Dás. | 7th Sept. ... | Mrs. Lily Ghosh, 14, Canal Street, Entali, Calcutta. | 7th Oct. ... |
| 9 | Purohit Darpan. A Mirror for Priests, Part I. | Printed and published at 2, Goábagan Street, Calcutta. | Printed and published by Kunja Vihári Dás. | 20th Oct. ... | Hari Charan Majumdár, "Gailhátá, Mymensing. | 27th Oct. ... |
| 10 | Tattvasátr. Essence of Truth. | Printed at 22-2, Jhámápur Lane, and published at the Examiner's Office, E. B. S. Railway, Sealdah, Calcutta. | Printed by Varadá Prasád Majumdár, and published by Chandí Charan Niyogi. | 1896. 28th Dec. ... | Chandí Charan Niyogi, Examiner's Office, E. B. S. Railway, Sealdah, Calcutta. | 7th Nov. ... |
| 11 | Antarvyákarana Nátya Parisishitam. Appen-lix to the Drama embodying Grammar. | Printed at 38, Siva Náráyan Dás's Lane, Calcutta, and published at Bawáli, 24-Parganas. | Printed by Sid-dhesvar Pán, and published by Ráj Kisor Mandal. | 1899. 6th Nov. ... | Ráj Kisor Mandal, Bawáli, 24-Parganas. | 18th Nov. ... |
| 12 | Orihalakshmi. An Ornament of the Household. Part I. | Printed at 100-2, Mechh uabázár, Street, and published at 60, Mirzápur Street, Calcutta. | Printed by Visva-náth Nandi, and published by Kedár Náth Basu. | 1894. 20th June ... | Kedár Náth Basu, 64, Akhil Mistri's Lane, Calcutta. | 17th Nov. ... |
| 13 | Ditto ditto Part II. | Printed at 40, Chunápur Lane, and published at 60, Mirzápur Street, Calcutta. | Printed by Vasanta Kumár Mandal, and published by Kedár Náth Basu. | 1896. 10th March ... | ditto ... | 17th Nov. ... |
| 14 | Svabháb Tattva. Truths of Nature. | Printed and published at 22-2, Jhámápur Lane, Calcutta. | Printed by Varadá Prasád Majumdár, and published by Chandí Charan Niyogi. | 1899. 20th July ... | Chandí Charan Niyogi, Examiner's Office, E. B. S. Railway, Sealdah, Calcutta. | 20th " ... |
| 15 | Vámgálár Itihás. The History of Bengal. | Printed and published at 64, Akhil Mistri's Lane, Calcutta. | Printed by Hari Dás Ghosh, and published by Kedárnáth Basu. | 15th May ... | Rajani Kánta Gupta, 28-16, Akhil Mistri's Lane, Calcutta. | 24th " ... |
| 16 | Bodhavikás. Evolution of Knowledge. | Ditto ... | ditto ... | October ... | ditto ... | 24th " ... |
| 17 | The Turfist's Vade-Mecum | Printed at 41, Munsí Walli Ulla's Lane, and published at 36, McLeod Street, Calcutta. | Printed by Sarat Banerji, and published by S. Zoha. | 1st Nov. ... | S. Zoha, 36, McLeod Street, Calcutta. | 24th " ... |

Original Entry of Copyright of Books received during the First Quarter ending 31st March 1900. 113

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------|---|--|--|--|--|---|
| Number. | The title of the book, and the contents of the title-page, with a translation into English of such title or contents when the same are not in the English language. | The place of printing and the place of publication. | The name or firm of the printer, and the name or firm of the publisher. | The date of issue from the press, or of publication. | The name and residence of the proprietor of the copyright, or of any portion of such copyright. | The date on which the entry was registered. |
| 18 | The Mohamudgar. The Destroyer of Illusion. | Printed at 75, Cotton Street, and published at 25, Rájá's Kátrá, Barabázár, Calcutta. | Printed by Rasfk Lál Pán, and published by Dina Náth Dev. | 1896. 24th Nov. | Dina Náth Dev, 25, Rájá's Kátrá, Barabázár, Calcutta. | 1899. 11th Dec. ... |
| 19 | Núr Námt. Book of Light. | Lithographed and published at 11, Free School Street, Calcutta. | Lithographed by Abdul Rahman, and published by Musamat Gaurá Bewá. | 8th Oct. | Musamat Gaurá Bewá, 11, Free School Street, Calcutta. | 7th Dec. ... |
| 20 | Bharathari Charitra. Life of Bharathari. | Ditto | ditto | 30th Sept. | ditto | 11th " ... |
| 21 | Bharat Viláp. Lamentation by Bharat. | Ditto | ditto | 22nd Sept. | ditto | 11th " ... |
| 22 | Vandí Mochan Páth. Story of the Rescue by Vandí (the Goddess Durgá). | Ditto | Lithographed by Abdul Sobhán, and published by Musamat Gaurá Bewá. | 15th Sept. | ditto | 11th " ... |
| 23 | Súraj Purán. A Purán in Honour of the Sun God. | Ditto | Lithographed by Abdul Aziz, and published by Musamat Gaurá Bewá. | 2nd June | ditto | 11th " ... |
| 24 | Vyáakaran Praves. Introduction to Grammar. | Printed at 62, Amherst Street, and published at 30, Cornwallis Street, Calcutta. | Printed by Upen-dra Náth Chakravarti, and published by the Sanskrit Press Depository. | 1899. 21st Dec. | Ráj Krishna Banerji, 23, Sukea's Street, Calcutta. | 21st Dec. ... |
| 25 | Srímadbhagavadgita Samanvay Bháshyánvita. The Divine Lay with the Samanvaya commentary. | Printed at 24, Giris Vidyaratna's Lane, and published at 3, Ramá Náth Majumdar's Street, Calcutta. | Printed by Sasibhúshán Bhattá-cháryya, and published by Tara-kesvar Ganguli. | 29th Nov. | Gaur Govinda Ráy Upádhya on behalf of the New Dispensation Church, No. 3, Ramá Náth Majumdar's Street, Calcutta. | 29th Dec. ... |
| 26 | Manjarí Vikásh. A Complete Key to Níti Manjarí. | Printed and published at Bhagalpur. | Printed by Charles Peter, and published by Kumár Lál Sinha. | 1900. 13th January | Nanda Gopál Sarasvatí, Bhátpará, 24-Pargannas. | ..... |
| 27 | Ahsanul Masader Sarh-e-Sefwatul Masader. The best Etymological Note on the Work called Sefwatul Masader. | Lithographed at the Alpanch Press, and published at Chauhattá, Bankipur. | Lithographed by Maulvi Syed Mahimuddin, and published by Maulvi Syed Ibráral Hossain. | 1899. 1st Oct. | M. Syed Ibráral Hossain, Chauhattá, Bankipur. | 1900. 14th Feb. ... |
| 28 | Tahzibun Nafus. Self Training, Part I. | Lithographed at the Union Press, Alpanch, Bankipur, and published at Bakheí Mahallá, Patna City. | Lithographed by Maulvi Syed Rahimuddin, and published by Maulvi Khajeh Syed Fakharuddin Hossain. | 26th Sept. | Maulvi Khajeh Syed Mahammad Fakharuddin Hossain, Bakshi, Mahallá, Patna City. | 14th " ... |
| 29 | Tambihul Mofsedin A Warning to the Turbulents. | Printed at 4, Kareyá Gorasthán Road, and published at Bawalbári, Rungpur. | Printed by Mahammad Reyázuddin Ahmad, and published by Munsí Saiyad Fazlul Háq. | 9th Nov. | Munsí Saiyad Fazlul Háq, Bawalbári, Rungpur. | 1899. 16th Dec. ... |
| 30 | Hindu Bálikádiger Páthádarsa. Model Lessons for Hindu Girls. | Printed at the Jewel Press, and published at Kálighát, Bhawanipur. | Printed by Vinod Vibári Mukherji, and published by Durgá Dás Datta. | 1900. 21st Feb. | Kánái Lál Nandan, Bhawanipur. | 1900. 12th Mar. ... |

| No. | LANGUAGE. | | | | BOOKS. | | Total. |
|--------------------------------|----------------------------------|-----|-----|-----|------------------|--------------|--------|
| | | | | | Non-educational. | Educational. | |
| UNI-LINGUALS. | | | | | | | |
| 1 | Assamese | ... | ... | ... | 3 | ..... | 3 |
| 2 | Bengali | ... | ... | ... | 148 | 108 | 256 |
| 3 | English | ... | ... | ... | 47 | 46 | 93 |
| 4 | Hindi | ... | ... | ... | 12 | 5 | 17 |
| 5 | Khasi | ... | ... | ... | 1 | ..... | 1 |
| 6 | Manipuri | ... | ... | ... | 1 | ..... | 1 |
| 7 | Mundari | ... | ... | ... | 1 | ..... | 1 |
| 8 | Musalmani-Bengali | ... | ... | ... | 10 | ..... | 10 |
| 9 | Sanskrit | ... | ... | ... | 19 | 7 | 26 |
| 10 | Santali | ... | ... | ... | 1 | ..... | 1 |
| 11 | Tibetan | ... | ... | ... | 1 | ..... | 1 |
| 12 | Urdu | ... | ... | ... | 5 | ..... | 5 |
| 13 | Uriyá | ... | ... | ... | 28 | 13 | 41 |
| Total Uni-linguals | | | | | 277 | 179 | 456 |
| BI-LINGUALS. | | | | | | | |
| 1 | Arabic and Hindi | ... | ... | ... | 1 | ..... | 1 |
| 2 | Arabic and Musalmani-Bengali | ... | ... | ... | 2 | ..... | 2 |
| 3 | Arabic and Urdu | ... | ... | ... | 2 | ..... | 2 |
| 4 | Bengali and English | ... | ... | ... | 2 | 14 | 16 |
| 5 | Bengali and Sanskrit | ... | ... | ... | 29 | 2 | 31 |
| 6 | English and Hindi | ... | ... | ... | ..... | 2 | 2 |
| 7 | English and Persian | ... | ... | ... | ..... | 1 | 1 |
| 8 | English and Sanskrit | ... | ... | ... | 1 | 1 | 2 |
| 9 | English and Urdu | ... | ... | ... | 2 | ..... | 2 |
| 10 | English and Uriya | ... | ... | ... | ..... | 1 | 1 |
| 11 | Hindi and Sanskrit | ... | ... | ... | 3 | ..... | 3 |
| 12 | Sanskrit and Uriyá | ... | ... | ... | 10 | ..... | 10 |
| Total Bi-linguals | | | | | 52 | 21 | 73 |
| TRI-LINGUALS. | | | | | | | |
| 1 | Bengali, English and Hindi | ... | ... | ... | ..... | 1 | 1 |
| 2 | Bengali, English and Sanskrit | ... | ... | ... | 2 | 1 | 3 |
| 3 | Bengali, Hindi and Sanskrit | ... | ... | ... | ..... | 1 | 1 |
| 4 | Bengali, Hindi and Uriya | ... | ... | ... | 1 | ..... | 1 |
| Total Tri-linguals | | | | | 3 | 3 | 6 |
| UNI-LINGUAL PERIODICALS. | | | | | | | |
| 1 | Bengali Periodicals | ... | ... | ... | 101 | ..... | 104 |
| 2 | English Periodicals | ... | ... | ... | 80 | ..... | 80 |
| 3 | Garo Periodicals | ... | ... | ... | 3 | ..... | 3 |
| 4 | Hindi Periodicals | ... | ... | ... | 3 | ..... | 3 |
| 5 | Sanskrit Periodicals | ... | ... | ... | 5 | ..... | 5 |
| 6 | Urdu Periodicals | ... | ... | ... | 2 | ..... | 2 |
| 7 | Uriya Periodicals | ... | ... | ... | 1 | ..... | 1 |
| Total Uni-lingual Periodicals | | | | | 198 | ..... | 198 |
| BI-LINGUAL PERIODICALS. | | | | | | | |
| 1 | Bengali and English Periodicals | ... | ... | ... | 6 | ..... | 6 |
| 2 | Bengali and Sanskrit Periodicals | ... | ... | ... | 7 | ..... | 7 |
| 3 | English and Sanskrit Periodicals | ... | ... | ... | 1 | ..... | 1 |
| Total Bi-lingual Periodicals | | | | | 14 | ..... | 14 |
| GRAND TOTAL OF BOOKS, &C., &C. | | | | | 544 | 203 | 747 |

RÁJENDRA CHANDRA SÁSTRÍ,

CALCUTTA,
The 5th June 1900.

Librarian of the Bengal Library and Keeper of the Catalogue of Books
under Section XVIII of Act XXV of 1867.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JULY 25, 1900.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 175.

[First Publication.]

AUSTRALIA, NORTH COAST—PORT DARWIN.

A cheese-shaped buoy placed within Quarantine Ground.

THE President, Marine Board, Port Adelaide, has given notice (No. 4 of 1900) that a Cheese-shaped Buoy, painted black, has been placed on the Shoal Patch of Rocks within the boundaries of the Quarantine Ground, Port Darwin, on the following bearings:—North Shell Island, N. $78^{\circ} 45'$, E. magnetic; Middle Hill, S. $14^{\circ} 30'$, W. magnetic, lat. $12^{\circ} 29' 50''$ S., long. $130^{\circ} 52' 30''$ E.

Vessels ordered into Quarantine should anchor about four cables to the north and west of the above-mentioned Buoy.

This notice affects Admiralty Chart No. 613, and Plan No. 925.

E. J. BEAUMONT, *Comdr., R.I.M.,*
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 21st July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 176.

[First Publication.]

PERSIAN GULF—NABIYU FARUR.

Shoal Sounding.

THE following Notice to Mariners issued by the Bombay Government is republished:—

Information has been received from Lieutenant Beauchamp, Commanding R. I. M. S. *Lawrence*, that a sounding of 8 fms. was obtained $1\frac{1}{2}$ miles S.S.W. of Nabiyu Farur, with the western extremes of the island bearing N. 7° E. and the eastern N. 43° E.

Approximate position lat. $26^{\circ} 06'$ N., long. $54^{\circ} 26'$ E.

As it does not appear from Lieutenant Beauchamp's report that any detailed examination was made of the locality where this sounding was obtained, it is possible shoaler water may exist.

All bearings are magnetic. Variation $0^{\circ} 10'$ E. in 1900.

This Notice affects the following Admiralty Chart:—*Persian Gulf, No. 2837 A., and Persian Gulf Pilot, 4th edition, 1898, page 236.*

E. J. BEAUMONT, *Comdr., R.I.M.,*
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 21st July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 177.

[First Publication.]

AFRICA, SOUTH-EAST COAST—DELAGOA BAY.

Elephant island—Alterations in Gibbon point and beacon, &c.

THE British Admiralty has given notice (No. 350 of 1900) that information, dated 25th April 1900, has been received from Captain W. B. Fisher, H.M.S. *Magicienne* that the following changes have taken place in the configuration of Elephant island affecting the position of Gibbon point and beacon:—

- a. Gibbon point has extended to the westward, and the small white beacon thereon is now situated about 100 yards eastward of the extremity of this extension, or S. 25° E., 2 cables from the observation spot.

Approximate position, lat. 25° 58' 10" S., long. 32° 54' 20" E.

- b. A shoal, with depths of from 2½ to 3 fathoms over it, extends to the northward from Gibbon point about three-quarters of a mile. Its northern extremity is situated with Gibbon point beacon (new position) bearing S 3° E., distant 8 cables; from discolouration of the water this shoal would now appear to form part of the Cockburn shoal.

CAUTION.—Considerable changes appear to have taken place in this vicinity; the Chart should therefore be used with caution, and the leading marks into port Melville given in Africa Pilot, part III, page 204, are no longer available. (*Notice No. 350 of 1900.*)

Variation 23° Westerly in 1900.

This Notice affects the following Admiralty Charts:—Delagoa bay, No. 644; port Melville, No. 645; Also, Africa Pilot, part III, 1897, pages 203, 204.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 178.

[First Publication.]

AFRICA EAST COAST—GULF OF ADEN.

Zeila roadstead—Buoy replaced.

WITH reference to Notice to Mariners No. 70, dated 12th March last, issued by this office, the British Admiralty has given further notice No. 352 of 1900, that the Gull shoal buoy (black conical, surmounted by a staff and two cages placed vertically) has been replaced; it is moored in 5½ fathoms, low-water springs, with Zeila Consulate bearing S. 66° W., distant 9¼ miles, and Aibat beacon N. 56° W. (*Notice No. 352 of 1900.*)

Approximate position, lat. 11° 25' 20" N., long. 43° 36' 50" E.

This Notice affects the following Admiralty Chart:—Zeila roadstead, No. 919; Also, Red Sea and Gulf of Aden Pilot, 1892, pages 404-405.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 179.

[First Publication.]

PACIFIC OCEAN, SOUTH—TAHITI.

Papiete—Quarantine Regulations.

THE British Admiralty has given notice (No. 356 of 1900) that until further notice, vessels entering the harbour of Papiete at night must anchor at the Quarantine station, and wait for daylight to obtain pratique. (*Notice No. 356 of 1900.*)

Approximate position, lat. $17^{\circ} 32' S.$, long. $149^{\circ} 35' W.$

This Notice affects the following Admiralty Chart :—Papete pass to Papenu pass, No. 1158 ; Also Pacific Islands, Vol. II., 1891, page 301.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 180.

[First Publication.]

PACIFIC OCEAN, SOUTH—SOLOMON ISLANDS, YSABEL ISLANDS.

Cape Prieto—Shoal reported—Sand cay above water.

THE British Admiralty has given notice (No. 357 of 1900) that a coral patch of very small extent, with apparently a depth over it of 3 fathoms, is reported to exist about one mile to the south-eastward of Cape Prieto.

Also, that the sand cay situated about $1\frac{1}{4}$ miles northward of Cape Prieto is now covered with bushes and low trees. (*Notice No. 357 of 1900.*)

Approximate position, lat. $8^{\circ} 27' S.$, long. $159^{\circ} 47' E.$

This Notice affects the following Admiralty Chart.—Solomon islands, No. 214 : Also, Pacific Islands, vol. I., 1890, page 392.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 181.

[First Publication.]

CHINA SEA—TONG KING GULF.

Haifong approaches—Lights exhibited.

THE British Admiralty has given notice (No. 359 of 1900) that the following dioptric lights of the 6th order are exhibited in the approaches to Haifong :—

1. A *white fixed* light, elevated 30 feet above high water, and visible from the bearing of $S. 61^{\circ} W.$, through west and north, to $S. 29^{\circ} E.$, is exhibited from a column surmounting an iron pile structure, painted red, erected southward of Mangue island, in approximately lat. $20^{\circ} 49' 55'' N.$, long. $106^{\circ} 52' 15'' E.$

2. A *green fixed* light elevated 28 feet above high water, and visible from the bearing of $N. 86^{\circ} W.$, through north and east, to $S. 4^{\circ} W.$, is exhibited from a column surmounting an iron pile structure, painted red, erected at the junction of Song chang and Kua nam trieu, in approximately lat. $20^{\circ} 56' 21'' N.$, long. $106^{\circ} 45' 35'' E.$ (*Notice No. 359 of 1900.*)

(*Variation 2° Easterly in 1900.*)

This notice affects the following admiralty Charts :—Approaches to Haifong, No. 775 : Also List of Lights, part VI, 1900, page 110 ; and China Sea Directory, vol. II, 1899, page 441.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 182.

[First Publication.]

CHINA SEA—SINGAPORE.

New Harbour—Renamed Keppel Harbour.

THE British Admiralty has given notice (No. 362 of 1900) that the Colonial Government changed the name of New harbour to Keppel harbour. This name has therefore been inserted on the Charts, in addition to that by which the harbour has been known up to the

present; but when the China Sea Directory, vol. I, is again revised, the name of Keppel harbour will alone be used. (*Notice No. 362 of 1900.*)

Approximate position, lat. $1^{\circ} 16' N.$, long. $103^{\circ} 50' E.$

This Notice affects the following Admiralty Charts:—Malacca strait, No. 1355; Banka strait to Singapore, No. 2757; Cape Rachado to Singapore, No. 795; Singapore strait, Nos. 2403, 2404; Singapore roads, No. 1995; Singapore New harbour, No. 2023: Also, China Sea Directory, vol. I, 1896, page 207.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 183.

[First Publication.]

EASTERN ARCHIPELAGO—GILLOLO PASSAGE.

Reported non-Existence of Erbe and Ardassier islands.

THE British Admiralty has given notice (No. 364 of 1900) that information has been received through the Board of Trade that the Master of the ship *City of Hancow* reports that on 4th January 1900, when working to windward in a north-easterly direction, in very clear weather, he passed over the positions of Erbe and Ardassier islands without seeing any sign of them, although the Catherine islands were distinctly seen from a distance of 20 miles.

Approximate position, Erbe island, lat. $0^{\circ} 44' N.$, long. $129^{\circ} 12' E.$

As the reported positions of these islands has been passed over by other vessels in 1886 without their having been seen, they probably do not exist, and have therefore been erased from the Admiralty Charts. (*Notice No. 364 of 1900.*)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, Nos. 942a, b: Also, Eastern Archipelago, part I, 1890, page 407.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 163.

[Second Publication.]

AUSTRALIA—APPROACH TO PORT DARWIN.

Spherical buoy replaced on Marsh shoal.

WITH reference to Notice to Mariners No. 125, dated 16th June 1899, issued by this office, the President, Marine Board, Port Adelaide, has given further notice (No. 3 of 1900) that the Spherical buoy painted red and white (horizontal stripes) has been replaced in its former position on the Marsh shoal, and that the temporary buoy has been removed.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 164.

[Second Publication.]

AUSTRALIA—PORT HINCHINBROOK.

Dungeness.—Change in colour of beacons.

THE Port Master, Brisbane, has given notice (No. 9 of 1900) that on and after 1st July 1900, the three beacons marking the bank off old Dungeness, and to the westward of Lucinda Point, will be painted Red, instead of Black as hitherto.

Charts affected—Nos. 1254 and 2349; and Australia Directory, Vol. II.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 165.

[Second Publication.]

AUSTRALIA—MORETON BAY, NORTH CHANNEL.

Alteration in sector of yellow patch light, and new position of No. 5 buoy.

THE Port Master, Brisbane, has given notice (No. 10 of 1900) that the southern edge of the White Sector which shows towards the North Channel from the Yellow Light has been extended three degrees further south, and the bearing of its southern edge is now S. 83° E.

Also, that No. 5 Black Buoy has been moved two cables to the S.W. by W., and now marks a patch carrying 17 feet 6 inches over it at low-water spring tide.

Charts affected—Nos. 1670A and 1029; Australia Directory, Vol. II.

E. J. BEAUMONT, Comdr., R.I.M.,

Offg. Port Officer of Calcutta

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 14th July 1900.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 166.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river.—Leading lights.

WITH reference to this Office No. 142, dated 9th ultimo, the following Notice to Mariners (No. 56 of 1900) issued by the Bombay Government is republished.

Information dated 15th June 1900 has been received from the Deputy Conservator of the Port of Rangoon, that two leading lights of a similar character as notified in Bombay Government Notice to Mariners No. 49, dated 30th May 1900, have been exhibited below Syriam Point in Rangoon River.

The above lights are intended as a guide to vessels crossing the Hastings Shoal by night.

From Syriam Point the front light is S. 10° E., distant 6½ cables, and the line of bearing is S. 71° E. and is for all practical purposes the same as No. 2 track.

This Notice affects the following Admiralty Charts:—Rangoon River and Approaches No. 833; Also Bay of Bengal Pilot, 1892, 2nd edition, page 329, and List of Lights, Part VI, 1900, page 60.

E. J. BEAUMONT, Comdr., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 14th July 1900.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 167.

[Second Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—LUZON.

Iba—Shoal in approach.

THE British Admiralty has given notice (No. 335 of 1900) of the existence of a shoal, with an estimated depth of 3½ fathoms over it, about 4 miles from the shore in the approach to Iba, situated with Iba mount bearing N. 72° E., distant about 13½ miles, and High peak N. 45° E.

Approximate position, lat. 15° 18' N., long. 119° 54½' E.

Approaching Iba on a N. 50° E. course the water shoaled suddenly from 19 to 9 fathoms, after which the bottom was seen. (*Notice No. 335 of 1900.*)

(*Variation Nil in 1900.*)

This Notice affects the following Admiralty Charts:—Luzon island, No. 2454; China sea, No. 2661b; Also, China Sea Directory, Vol. II., 1899, page 316; and Eastern Archipelago, part I., 1890, page 49.

E. J. BEAUMONT, Comdr., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

CALCUTTA, the 14th July 1900.

Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 168.

[Second Publication.]

CHINA SEA—BALABAC STRAIT.

Lumbukan—Bank to the southward.

THE British Admiralty has given notice (No. 336 of 1900) of the existence of a bank about three-quarters of a mile long, east and west, and depths over it of from $7\frac{1}{2}$ to 10 fathoms, to the southward of Lumbukan; its centre is situated with the eastern extreme of Lumbukan bearing N. 22° E., distant 3 miles, and cape Melville N. 83° W. (*Notice No. 336 of 1900.*)

Approximate position, lat. $7^{\circ} 47' N.$, long. $117^{\circ} 12\frac{1}{2}' E.$ (Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—China sea, No. 2660b; Palawan island, No. 967; Balabac strait, No. 948; Also, China Sea Directory, Vol. II., 1899, page 201.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

Calcutta, the 14th July 1900. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 169.

[Second Publication.]

JAPAN—GULF OF TOKYO.

Kawa (Haneda) Saki light—Character altered.

THE British Admiralty has given notice (No. 338 of 1900) that on 20th April 1900, the light exhibited at Kawa Saki was altered from green fixed to *white occulting every thirty seconds* (light, *twenty-three seconds*; eclipse, *seven seconds*); the new light is of the 5th order, but in other respects it remains unchanged. (*Notice No. 338 of 1900.*)

Approximate position, lat. $35^{\circ} 32' N.$, long. $139^{\circ} 47' E.$

This Notice affects the following Admiralty Charts:—Kii channel to Yedo, No. 996; gulf of Tokyo, No. 2657; Also, List of Lights, part VI., 1900, No. 913; China Sea Directory, Vol. IV., 1894, page 309; and Supplement, 1898, relating to that work, page 16.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

Calcutta, the 14th July 1900. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 170.

[Second Publication.]

JAPAN—SIMONOSEKI STRAIT.

Daibahana—Light exhibited.

THE British Admiralty has given notice (No. 341 of 1900) that on 20th April 1900, an unwatched *fixed* light, elevated 76 feet above the sea, and visible in clear weather, from a distance of 6 miles, was exhibited on Daibahana, Takenoko sima.

Daibahana light shows the following sectors:—*White* from the bearing of N. 24° W. to N. 21° W., *red* from N. 21° W., through north, to N. 61° E., *white* from N. 61° E., through east and south, to S. 47° W., *red* from S. 47° W. to S. 73° W., *white* from S. 73° W. to S. 85° W., and obscured in other directions.

It is shown from a brick cylindrical tower, 30 feet high, and painted white, erected on the extremity of the point. (*Notice No. 341 of 1900.*)

Approximate position, lat. $33^{\circ} 57' N.$, long. $130^{\circ} 52' E.$ (Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Hirado no Seto to Simonoseki strait, No. 127; Simonoseki strait, No. 532; Also, List of Lights, part VI., 1900, No. 853a; and China Sea Directory, Vol. IV., 1894, page 432.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

Calcutta, the 14th July 1900. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 171.

[Second Publication.]

JAPAN—LIU KIU ISLANDS.

Naha—Light exhibited.

THE British Admiralty has given notice (No. 342 of 1900) that on 20th April 1900, an unwatched *fixed* light, elevated 30 feet above high water, and visible, in clear weather, from a distance of 6 miles, was exhibited from fort Miyegushiku, Naha harbour.

Naha light shows the following sectors:—*red* from the bearing of East to S. 57° E., *white* from S. 57° E. to S. 52° E., *red* from S. 52° E., through south, to S. 13° W., obscured elsewhere.

It is shown from a brick rectangular tower, 12 feet high, and painted white, erected in fort Miyegushiku. (*Notice No. 342 of 1900.*)

Approximate position, lat. 26° 12' 25" N., long. 127° 40' 35" E.

(*Variation 2° Westerly in 1900.*)

This Notice affects the following Admiralty Charts:—Liu Kiu islands, No. 2416; Naha roads, No. 990; Also, List of Lights, part VI., 1900, No. 818a; and China Sea Directory, Vol. IV., 1894, page 219.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 172.

[Second Publication.]

JAPAN, INLAND SEA—KURU SIMA NO SETO.

Nagato sima—Light exhibited.

THE British Admiralty has given notice (No. 344 of 1900) that on 20th April 1900, a *white fixed* light, elevated 126 feet above high water, and visible, in clear weather, from a distance of 6 miles, between the bearings of N. 31° W., through north and east, and S. 86° W., was exhibited on Nagato sima.

It is shown from a stone cylindrical tower, 25 feet high, and painted white, erected on the north-west point of the island. (*Notice No. 344 of 1900.*)

Approximate position, lat. 34° 7' 5" N., long. 133° 0' 0" E.

(*Variation 4° Westerly in 1900.*)

This Notice affects the following Admiralty Charts:—Misma Nada and Bingo Nada channels, No. 132; Kuru sima no Seto, No. 131; Also, List of Lights, part VI., 1900, page 144; China Sea Directory, Vol. IV., 1894, page 395; and Supplement, 1898, relating to that work, page 20.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 173.

[Second Publication.]

JAPAN, INLAND SEA—IYO NADA.

Koiso reef—Position and particulars.

THE British Admiralty has given notice (No. 346 of 1900) of the existence of a reef named Koiso, which dries 2 feet at low-water springs and has 8 to 23 fathoms around it, on the south coast of Yashiro sima, situated with the south-east point of Tatsu sima, bearing S. 44° W., distant 5½ cables, and Isaki hana S. 24° E. (*Notice No. 346 of 1900.*)

Approximate position, lat. 33° 52' 20" N., long. 132° 19' 0" E.

(*Variation 4° Westerly in 1900.*)

This Notice affects the following Admiralty Chart:—Inland sea, No. 2875; Also, China Sea Directory, Vol. IV., 1894, page 423.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 174.

[Second Publication.]

PERSIAN GULF—BUSRAH BAR.

A small Cask buoy in place of the lost Outer buoy.

WITH reference to Notice to Mariners No. 154, dated 7th July, issued by this office, relative to the disappearance of the Outer buoy of the Busrah river bar, the Officiating Political Resident in the Persian gulf has given further notice, stating that a small Cask buoy with a small black basket and white flag has been placed in a position approximately five cables S. W. of the old one; and that it is visible about 3 miles in clear weather.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 154.

[Third Publication.]

PERSIAN GULF—BUSRAH BAR.

Outer buoy adrift.

CAUTION.—The Officiating Political Resident in the Persian gulf has given notice, dated the 25th June last, that the Commander of the S.S. *Tripoli* has reported that the Busrah bar Outer buoy has broken adrift. The buoy has not yet been replaced, and Mariners are accordingly warned.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 155.

[Third Publication.]

CHINA SEA—FORMOSA.

Kelung harbour—Light exhibited—Fog signal established.

THE British Admiralty has given notice (No. 306 of 1900) that on and after 1st April 1900, a fixed light of the 5th order, elevated 133-feet above high water, and visible in clear weather from a distance of 15 miles, would be exhibited on Banjintai Bi, Kelung harbour entrance.

Kelung light shows *white* from the bearing of S. 28° E., through south, to S. 3° W., *red* from S. 3° W. to S. 9° W. (over Shin se), *white* from S. 9° W., through west, to N. 12° W., and obscured in other directions; it is shown from a brick cylindrical tower about 30 feet high, and painted white, and has been placed on the Chart about one cable S. 50° W. from the extremity of the point.

Approximate position, lat. 25° 9' 15" N., long. 121° 44' 25" E.

Also that a fog siren would be established giving, during thick or foggy weather, *two* blasts about every minute, thus:—blast, *two* seconds; silent interval, *four* seconds; blast *two* seconds; silent interval, *fifty* seconds.

(Variation 1° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Formosa island and strait, No. 1968; Ockseu islands to Tung yung, No. 1761; Ke lung harbour, No. 2618: Also, List of Lights, Part VI, 1900, page 134; China Sea Directory, vol. III, 1894, page 269; and Supplement, 1898, relating to that work, page 22.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 156.

[Third Publication.]

CHINA SEA—ANNAM SHORE.

Kulao Rai light—Intended exhibition.

WITH reference to Notice to Mariners No. 144, dated the 23rd July 1897, issued by this office, the British Admiralty has given further notice (No. 314 of 1900) that towards the end of June 1900, it is intended to exhibit experimentally a third order *white flashing* light every *five seconds* (flash, *one-tenth of a second*; eclipse, *four and nine-tenths seconds*) on Kulao Rai, entrance to Tong King gulf.

Kulao Rai light will be elevated 172 feet above high water, and visible in clear weather from a distance of 20 miles from the bearing of about N. 59° E., through north and west, to S. 72° E.

It is shown from a metal pyramidal tower, coloured grey, about 165 feet high, erected about 2 cables S. 60° W. from the north-east point of the island.

Approximate position, lat. 15° 23' 30" N., long. 109° 6' 0" E.

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—China sea, Nos. 1263, 2661a; Fan rang bay to Tong King gulf, No. 1342; Ki Kik bay, No. 1005; Also, List of Lights, Part VI, 1900, No. 673; and China Sea Directory, vol. II, 1899, page 417.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 167.

[Third Publication.]

PACIFIC OCEAN—THE PHILIPPINE ISLANDS—LUZON, WEST COAST.

Calra island light re-exhibited.

THE British Admiralty has given notice (No. 316 of 1900) that on 10th April 1900, a third order, dioptric, *white flashing* light every *ten seconds* was exhibited on Boi point, San Sebastiao island.

San Sebastiao light is elevated 243 feet above high water, and visible in clear weather from a distance of 20 miles from the bearing of S. 68° E., through east and north to S. 68° W. It is shown from a stone rectangular tower about 55 feet high, painted white, with the dwelling close to it.

Approximate position, lat. 23° 58' 30" S., long. 45° 15' 20" W.

(Variation 10° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—South Atlantic, No. 2202b; Victoria to Sta. Catherina, No. 530; Also, List of Lights, Part VII, 1900, page 20; and South America Pilot, Part I, 1893, page 181.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 158.

[Third Publication.]

JAPAN—NORTHERN STRAITS.

Ice.

THE British Admiralty has given notice (No. 323 of 1900) that information has been received through the Board of Trade that the British S.S. *Ness*, when on a voyage from Portland, Oregon, to Vladivostock, encountered a large quantity of field ice on 18th March 1900, off the coast of Yezo island, in approximately lat. 42° 36' N., long. 146° 18' E., and continued meeting ice until in lat. 42° 0' N., long. 144° 25' E.

It is also reported that ice in this neighbourhood was met by another steamship in February 1900 when proceeding from Vancouver to Vladivostock.

It is known that ice may be encountered during the winter months in Yezo strait, Kunashiri channel, and Yotorup strait, but this is the first time it has been reported so far from the shore. This is probably owing to the fact that few ships have hitherto made a passage from the Western ports of North America towards Tsugaru strait in the winter. It is not unlikely that ice may be quite common in this vicinity in the winter.

This Notice affects the China Sea Directory, vol. IV, 1894, pages 603, 629, 630.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th July 1900. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 169.

[Third Publication.]

INDIA, WEST COAST—PORT KARWAR APPROACH.

Wreck.

THE British Admiralty has given notice (No. 324 of 1900) that the wreck of a steamship, with masts and funnel visible at high water, lies sunk with Oyster rock lighthouse bearing S. 37° W., distant 1½ miles, and south point of Shimis-guda island S. 77° E.

Approximate position, lat. 14° 50' 30" N., long. 74° 3' 50" E.

(Variation Nil in 1900.)

This Notice affects the following Admiralty Charts:—Cape Rama to Aleagudda, No. 744; Sadashirgad bay, No. 242; Also, West Coast of Hindustan Pilot, 1898, page 154.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th July 1900. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 160.

[Third Publication.]

CHINA SEA—GULF OF SIAM.

Nui Nai point light exhibited.

WITH reference to Notice to Mariners No. 136, dated 9th July 1897, issued by this Office, the British Admiralty has given further notice (No. 325 of 1900) that on 1st May 1900, a white flashing light every five seconds, elevated 205 feet above high water, and visible in clear weather from a distance of 20 miles, was exhibited on Nui Nai point near Hatien.

It is shown from a tower, surmounting the roof of the dwelling, 23 feet high erected on the point.

Approximate position on Chart No. 2725, lat. 10° 21' 20" N., long. 104° 25' 30" E.

This Notice affects the following Admiralty Charts:—Gulf of Siam, No. 2414; China Sea, No. 2660a; Bay island to Pulo Obi, No. 2723; Koh Tron, &c., No. 2725; Also, List of Lights, part VI, 1900, No. 659; and China Sea Directory, vol. II, 1899, page 548.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th July 1900. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 161.

[Third Publication.]

CHINA SEA—COCHIN CHINA.

Kega islet light exhibited.

WITH reference to Notice to Mariners No. 167, dated 30th August 1897, issued by this office, the British Admiralty has given further notice (No. 326 of 1900) that on 1st June 1900, a white fixed and flashing light every two minutes, elevated 213 feet above high

water, and visible, in clear weather, from a distance of 21 miles, would be exhibited on Kega islet.

It is shown from an octagonal tower of 115 feet high, constructed of light granite.

Approximate position on Chart No. 1261, lat. $10^{\circ} 41' 30''$ N., long. $108^{\circ} 0' 20''$ E.

This Notice affects the following Admiralty Charts:—China sea, No. 2660a; Saigon river to Kam ranh bay, No. 1261; Also, List of Lights, part VI, 1900, No. 668a; and China Sea Directory, vol. II, 1899, page 393.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 7th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 162.

[Third Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafully river—Depth of water found in the channels.

THE Port Officer, Chittagong, has given notice that the following depth of water was found in the river channels by soundings taken on the 5th July and reduced to zero:—

Ft. IN.

Track No. 1.—Outer bar—

| | | | | |
|--|-----|-----|----|---|
| Disc in the centre between diamond and mast with white and black casks | ... | ... | 12 | 0 |
| Disc on mast with white and black casks | ... | ... | 9 | 6 |

Track No. 2.—Inner bar—

| | | | | |
|--|-----|-----|----|---|
| Disc on mast with white and black casks | ... | ... | 11 | 6 |
| Disc on diamond | ... | ... | 11 | 0 |
| Disc in the centre between diamond and mast with white and black casks | ... | ... | 12 | 0 |

Track No. 3.—

| | | | | |
|-------------------------------|-----|-----|----|---|
| Tripod on with cross and ball | ... | ... | 20 | 0 |
|-------------------------------|-----|-----|----|---|

Track No. 4.—

| | | | | |
|--|-----|-----|----|---|
| Triangle on with mast with white and black casks | ... | ... | 22 | 0 |
|--|-----|-----|----|---|

Track No. 5.—Guptakhally crossing—

| | | | | |
|-------------------|-----|-----|----|---|
| Tripod on diamond | ... | ... | 20 | 6 |
|-------------------|-----|-----|----|---|

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 9th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, AUGUST 1, 1900.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 184.

[First Publication.]

AUSTRALIA, SOUTH—SPENCER GULF, WESTERN APPROACH.

A heavy break, S. S. W. from Liguanea island.

THE President, Marine Board, Port Adelaide, has given notice (No. 5 of 1900) that the Master of the ketch *Sea Flower* reports having observed a heavy break S. S. W. from Liguanea Island (approximate latitude $35^{\circ} 13' S.$, longitude $135^{\circ} 30' E.$).

There was a heavy ground swell at the time, and the break occurred every five or six minutes.

The danger above referred to is in the track of vessels trading between South Australia and Western Australia, and until a further examination of the locality can be made a careful lookout should be kept by masters of vessels in the vicinity.

This affects Admiralty Chart No. 1061.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 185.

[First Publication.]

JAPAN—LIU KIU ISLANDS.

Naha—A conspicuous tree removed.

THE British Admiralty has given notice (No. 383 of 1900) that the conspicuous tree on Naganmi yama, which formed one of the leading marks into Naha harbour, has disappeared; it has therefore been erased from the Charts. (*Notice No. 383 of 1900.*)

Approximate position, lat. $26^{\circ} 10' 50'' N.$, long. $127^{\circ} 42' 55'' E.$

This Notice affects the following Admiralty Chart:—Naha roads, No. 990: Also, China Sea Directory, vol. IV, 1894, page 219.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 186.

[First Publication.]

PACIFIC OCEAN—THE PHILIPPINES—LUZON, NORTH-EAST COAST.

Pinagnapan island—Rock to the north-west.

THE British Admiralty has given notice (No. 384 of 1900) of the existence of a rock surrounded by a reef about 2 miles N.W. of Pinagnapan island, Kalaguas islands. The reef is about 2 miles in extent. (*Notice No. 384 of 1900.*)

Approximate position, lat. $14^{\circ} 33' N.$, long. $122^{\circ} 47\frac{1}{2}' E.$

(Variation Nil in 1900.)

This Notice affects the following Admiralty Charts :—Philippine islands, No. 943 ; St Bernardino and Mindoro straits, No. 2577 ; Also, Eastern Archipelago, part I, 1900, page 338 ; and Revised Supplement, 1898, relating to that work, page 68.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 176.

[Second Publication.]

AUSTRALIA, NORTH COAST—PORT DARWIN.

A cheese-shaped buoy placed within Quarantine Ground.

THE President, Marine Board, Port Adelaide, has given notice (No. 4 of 1900) that a Cheese-shaped Buoy, painted black, has been placed on the Shoal Patch of Rocks within the boundaries of the Quarantine Ground, Port Darwin, on the following bearings:—North Shell Island, N. $78^{\circ} 45'$, E. magnetic; Middle Hill, S. $14^{\circ} 30'$, W. magnetic, lat. $12^{\circ} 29' 50'' S.$, long. $130^{\circ} 52' 30'' E.$

Vessels ordered into Quarantine should anchor about four cables to the north and west of the above mentioned Buoy.

This notice affects Admiralty Chart No. 613, and Plan No. 925.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 21st July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 176.

[Second Publication.]

PERSIAN GULF—NABIYU FARUR.

Shoal Sounding.

THE following Notice to Mariners issued by the Bombay Government is republished :—

Information has been received from Lieutenant Beauchamp, Commanding R. I. M. S. *Lawrence*, that a sounding of 8 fms. was obtained $1\frac{1}{2}$ miles S.S.W. of Nabiyu Farur, with the western extremes of the island bearing N. $7^{\circ} E.$ and the eastern N. $43^{\circ} E.$

Approximate position lat. $26^{\circ} 06' N.$, long. $54^{\circ} 26' E.$

As it does not appear from Lieutenant Beauchamp's report that any detailed examination was made of the locality where this sounding was obtained, it is possible shallower water may exist.

All bearings are magnetic. Variation $0^{\circ} 10' E.$ in 1900.

This Notice affects the following Admiralty Chart :—Persian Gulf, No. 2837 A, and Persian Gulf Pilot, 4th edition, 1898, page 236.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 21st July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 177.

[Second Publication.]

AFRICA, SOUTH-EAST COAST—DELAGOA BAY.

Elephant island—Alterations in Gibbon point and beacon, &c.

THE British Admiralty has given notice (No. 350 of 1900) that information, dated 25th April 1900, has been received from Captain W. B. Fisher, H.M.S. *Magicienns* that the following changes have taken place in the configuration of Elephant island affecting the position of Gibbon point and beacon:—

- a. Gibbon point has extended to the westward, and the small white beacon thereon is now situated about 100 yards eastward of the extremity of this extension, or S. 25° E, 2 cables from the observation spot.

Approximate position, lat. 25° 58' 10" S., long. 32° 54' 20" E.

- b. A shoal, with depths of from 2½ to 3 fathoms over it, extends to the northward from Gibbon point about three-quarters of a mile. Its northern extremity is situated with Gibbon point beacon (new position) bearing S 3° E, distant 8 cables; from discoloration of the water this shoal would now appear to form part of the Cockburn shoal.

CAUTION.—Considerable changes appear to have taken place in this vicinity; the Chart should therefore be used with caution, and the leading marks into port Melville given in Africa Pilot, part III, page 204, are no longer available. (Notice No. 350 of 1900.)

Variation 23° Westerly in 1900.

This Notice affects the following Admiralty Charts:—Delagoa bay, No. 644; port Melville, No. 645: Also, Africa Pilot, part III, 1897, pages 203, 204.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 178.

[Second Publication.]

AFRICA EAST COAST—GULF OF ADEN.

Zeila roadstead—Buoy replaced.

WITH reference to Notice to Mariners No. 70, dated 12th March last, issued by this office, the British Admiralty has given further notice No. 352 of 1900, that the Gull shoal buoy (black conical, surmounted by a staff and two cages placed vertically) has been replaced; it is moored in 5½ fathoms, low-water springs, with Zeila Consulate bearing S. 66° W., distant 9¼ miles, and Aibat beacon N. 56° W. (Notice No. 352 of 1900.)

Approximate position, lat. 11° 25' 20" N., long. 43° 36' 50" E.

This Notice affects the following Admiralty Chart:—Zeila roadstead, No. 919: Also, Red Sea and Gulf of Aden Pilot, 1892, pages 404-405.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 179.

[Second Publication.]

PACIFIC OCEAN, SOUTH—TAHITI.

Papete—Quarantine Regulations.

THE British Admiralty has given notice (No. 356 of 1900) that until further notice, vessels entering the harbour of Papete at night must anchor at the Quarantine station, and wait for daylight to obtain pratique. (Notice No. 356 of 1900.)

Approximate position, lat. 17° 32' S., long. 149° 35' W.

This Notice affects the following Admiralty Chart:—Papete pass to Papeete pass, No. 1158; Also Pacific Islands, Vol. II., 1891, page 301.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 180.

[Second Publication.]

PACIFIC OCEAN, SOUTH—SOLOMON ISLANDS, YSABEL ISLANDS.

Cape Prieto—Shoal reported—Sand cay above water.

THE British Admiralty has given notice (No. 357 of 1900) that a coral patch of very small extent, with apparently a depth over it of 3 fathoms, is reported to exist about one mile to the south-eastward of Cape Prieto.

Also, that the sand cay situated about $1\frac{1}{2}$ miles northward of Cape Prieto is now covered with bushes and low trees. (*Notice No. 357 of 1900.*)

Approximate position, lat. $8^{\circ} 27' S.$, long. $159^{\circ} 47' E.$

This Notice affects the following Admiralty Chart.—Solomon islands, No. 214: Also, Pacific Islands, vol. I., 1890, page 392.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 181.

[Second Publication.]

CHINA SEA—TONG KING GULF.

Haifong approaches—Lights exhibited.

THE British Admiralty has given notice (No. 359 of 1900) that the following dioptric lights of the 6th order are exhibited in the approaches to Haifong:—

1. A *white fixed* light, elevated 30 feet above high water, and visible from the bearing of $S. 61^{\circ} W.$, through west and north, to $S. 29^{\circ} E.$, is exhibited from a column surmounting an iron pile structure, painted red, erected southward of Mangue island, in approximately lat. $20^{\circ} 49' 55'' N.$, long. $106^{\circ} 52' 15'' E.$

2. A *green fixed* light elevated 28 feet above high water, and visible from the bearing of $N. 86^{\circ} W.$, through north and east, to $S. 4^{\circ} W.$, is exhibited from a column surmounting an iron pile structure, painted red, erected at the junction of Song chang and Kua nam trieu, in approximately lat. $20^{\circ} 56' 21'' N.$, long. $106^{\circ} 45' 35'' E.$ (*Notice No. 359 of 1900.*)

(*Variation 2° Easterly in 1900.*)

This notice affects the following admiralty Charts:—Approaches to Haifong, No. 775: Also List of Lights, part VI, 1900, page 110; and China Sea Directory, vol. II, 1899, page 441.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 182.

[Second Publication.]

CHINA SEA—SINGAPORE.

New Harbour—Renamed Keppel Harbour.

THE British Admiralty has given notice (No. 362 of 1900) that the Colonial Government changed the name of New harbour to Keppel harbour. This name has therefore been inserted on the Charts, in addition to that by which the harbour has been known up to the present; but when the China Sea Directory, vol. I, is again revised, the name of Keppel harbour will alone be used. (*Notice No. 362 of 1900.*)

Approximate position, lat. $1^{\circ} 16' N.$, long. $103^{\circ} 50' E.$

This Notice affects the following Admiralty Charts:—Malacca strait, No. 1355; Banka strait to Singapore, No. 2757; Cape Rachado to Singapore, No. 795; Singapore strait, Nos. 2403, 2404; Singapore roads, No. 1995; Singapore New harbour, No. 2023: Also, China Sea Directory, vol. I, 1896, page 207.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 183.

[Second Publication.]

EASTERN ARCHIPELAGO—GILLOLO PASSAGE.

Reported non-Existence of Erbe and Ardassier islands.

THE British Admiralty has given notice (No. 364 of 1900) that information has been received through the Board of Trade that the Master of the ship *City of Hancow* reports that on 4th January 1900, when working to windward in a north-easterly direction, in very clear weather, he passed over the positions of Erbe and Ardassier islands without seeing any sign of them, although the Catherine islands were distinctly seen from a distance of 20 miles.

Approximate position, Erbe island, lat. $0^{\circ} 44' N.$, long. $129^{\circ} 12' E.$

As the reported positions of these islands has been passed over by other vessels in 1886 without their having been seen, they probably do not exist, and have therefore been erased from the Admiralty Charts. (*Notice No. 364 of 1900.*)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, Nos. 942a, b: Also, Eastern Archipelago, part I, 1890, page 407.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 163.

[Third Publication.]

AUSTRALIA—APPROACH TO PORT DARWIN.

Spherical buoy replaced on Marsh shoal.

WITH reference to Notice to Mariners No. 125, dated 16th June 1899, issued by this office, the President, Marine Board, Port Adelaide, has given further notice (No. 3 of 1900) that the Spherical buoy painted red and white (horizontal stripes) has been replaced in its former position on the Marsh shoal, and that the temporary buoy has been removed.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th July 1900. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 164.

[Third Publication.]

AUSTRALIA—PORT HINCHINBROOK.

Dungeness.—Change in colour of beacons.

THE Port Master, Brisbane, has given notice (No. 9 of 1900) that on and after 1st July 1900, the three beacons marking the bank off old Dungeness, and to the westward of Lucinda Point, will be painted Red, instead of Black as hitherto.

Charts affected—Nos. 1254 and 2349; and Australia Directory, Vol. II.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 165.

[Third Publication.]

AUSTRALIA—MORETON BAY, NORTH CHANNEL.

Alteration in sector of yellow patch light, and new position of No. 5 buoy.

THE Port Master, Brisbane, has given notice (No. 10 of 1900) that the southern edge of the White Sector which shows towards the North Channel from the Yellow Light has been extended three degrees further south, and the bearing of its southern edge is now $S. 83^{\circ} E.$

Also, that No. 5 Black Buoy has been moved two cables to the S.W. by W., and now marks a patch carrying 17 feet 6 inches over it at low-water spring tide.

Charts affected—Nos. 1670A and 1029; Australia Directory, Vol. II.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 166.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river.—Leading lights.

WITH reference to this Office No. 142, dated 9th ultimo, the following Notice to Mariners (No. 56 of 1900) issued by the Bombay Government is republished.

Information dated 15th June 1900 has been received from the Deputy Conservator of the Port of Rangoon, that two leading lights of a similar character as notified in Bombay Government Notice to Mariners No. 49, dated 30th May 1900, have been exhibited below Syriam Point in Rangoon River.

The above lights are intended as a guide to vessels crossing the Hastings Shoal by night.

From Syriam Point the front light is S. 10° E., distant $6\frac{1}{2}$ cables, and the line of bearing is S. 71° E. and is for all practical purposes the same as No. 2 track.

This Notice affects the following Admiralty Charts:—Rangoon River and Approaches No. 833: Also Bay of Bengal Pilot, 1892, 2nd edition, page 329, and List of Lights, Part VI, 1900, page 60.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 167.

[Third Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—LUZON.

Iba—Shoal in approach.

THE British Admiralty has given notice (No. 335 of 1900) of the existence of a shoal, with an estimated depth of $3\frac{1}{2}$ fathoms over it, about 4 miles from the shore in the approach to Iba, situated with Iba mount bearing N. 72° E., distant about $13\frac{1}{2}$ miles, and High peak N. 45° E.

Approximate position, lat. $15^{\circ} 18' N.$, long. $119^{\circ} 54\frac{1}{2}' E.$

Approaching Iba on a N. 50° E. course the water shoaled suddenly from 19 to 9 fathoms, after which the bottom was seen. (Notice No. 335 of 1900.)

(Variation Nil in 1900.)

This Notice affects the following Admiralty Charts:—Luzon island, No. 2454; China sea, No. 2661b: Also, China Sea Directory, Vol. II., 1899, page 316; and Eastern Archipelago, part I., 1890, page 49.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 168.

[Third Publication.]

CHINA SEA—BALABAC STRAIT.

Lumbukan—Bank to the southward.

THE British Admiralty has given notice (No. 336 of 1900) of the existence of a bank about three-quarters of a mile long, east and west, and depths over it of from $7\frac{1}{2}$ to 10 fathoms, to the southward of Lumbukan; its centre is situated with the eastern extreme of

Lumbukan bearing N. 22° E., distant 3 miles, and cape Melville N. 83° W. (*Notice No. 336 of 1900.*)

Approximate position, lat. 7° 47' N., long. 117° 12½' E.

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—China sea, No. 2660b; Palawan island, No. 967; Balabac strait, No. 948; Also, China Sea Directory, Vol. II., 1899, page 201.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 169.

[Third Publication.]

JAPAN—GULF OF TOKYO.

Kawa (Haneda) Saki light—Character altered.

THE British Admiralty has given notice (No. 338 of 1900) that on 20th April 1900, the light exhibited at Kawa Saki was altered from green fixed to *white occulting every thirty seconds* (light, *twenty-three seconds*; eclipse, *seven seconds*); the new light is of the 5th order, but in other respects it remains unchanged. (*Notice No. 338 of 1900.*)

Approximate position, lat. 35° 32' N., long. 139° 47' E.

This Notice affects the following Admiralty Charts:—Kii channel to Yedo, No. 996; gulf of Tokyo, No. 2657; Also, List of Lights, part VI., 1900, No. 913; China Sea Directory, Vol. IV., 1894, page 309; and Supplement, 1898, relating to that work, page 16.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 170.

[Third Publication.]

JAPAN—SIMONOSEKI STRAIT.

Daibahana—Light exhibited.

THE British Admiralty has given notice (No. 341 of 1900) that on 20th April 1900, an unwatched *fixed* light, elevated 76 feet above the sea, and visible in clear weather, from a distance of 6 miles, was exhibited on Daibahana, Takenoko sima.

Daibahana light shows the following sectors:—*White* from the bearing of N. 24° W. to N. 21° W., *red* from N. 21° W., through north, to N. 61° E., *white* from N. 61° E., through east and south, to S. 47° W., *red* from S. 47° W. to S. 73° W., *white* from S. 73° W. to S. 85° W., and obscured in other directions.

It is shown from a brick cylindrical tower, 30 feet high, and painted white, erected on the extremity of the point. (*Notice No. 341 of 1900.*)

Approximate position, lat. 33° 57' N., long. 130° 52' E.

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Hirado no Soto to Simonoseki strait, No. 127; Simonoseki strait, No. 532; Also, List of Lights, part VI., 1900, No. 853a; and China Sea Directory, Vol. IV., 1894, page 432.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 171.

[Third Publication.]

JAPAN—LIU KIU ISLANDS.

Naha—Light exhibited.

THE British Admiralty has given notice (No. 342 of 1900) that on 20th April 1900, an unwatched *fixed* light, elevated 30 feet above high water, and visible, in clear weather, from a distance of 6 miles, was exhibited from fort Miyegushiku, Naha harbour.

Naha light shows the following sectors:—*red* from the bearing of East to S. 57° E., *white* from S. 57° E. to S. 52° E., *red* from S. 52° E., through south, to S. 13° W., obscured elsewhere.

It is shown from a brick rectangular tower, 12 feet high, and painted white, erected in fort Miyegushiku. (*Notice No. 342 of 1900.*)

Approximate position, lat. 26° 12' 25" N., long. 127° 40' 35" E.

(*Variation 2° Westerly in 1900.*)

This Notice affects the following Admiralty Charts:—Liu Kiu islands, No. 2416; Naha roads, No. 990; Also, List of Lights, part VI., 1900, No. 818a; and China Sea Directory, Vol. IV., 1894, page 219.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 172.

[Third Publication.]

JAPAN, INLAND SEA—KURU SIMA NO SETO.

Nagato sima—Light exhibited.

THE British Admiralty has given notice (No. 344 of 1900) that on 20th April 1900, a *white fixed* light, elevated 126 feet above high water, and visible, in clear weather, from a distance of 6 miles, between the bearings of N. 31° W., through north and east, and S. 86° W., was exhibited on Nagato sima.

It is shown from a stone cylindrical tower, 25 feet high, and painted white, erected on the north-west point of the island. (*Notice No. 344 of 1900.*)

Approximate position, lat. 34° 7' 5" N., long. 133° 0' 0" E.

(*Variation 4° Westerly in 1900.*)

This Notice affects the following Admiralty Charts:—Misima Nada and Bingo Nada channels, No. 132; Kuru sima no Seto, No. 131; Also, List of Lights, part VI., 1900, page 144; China Sea Directory, Vol. IV., 1894, page 395; and Supplement, 1898, relating to that work, page 20.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 173.

[Third Publication.]

JAPAN, INLAND SEA—IYO NADA.

Koiso reef—Position and particulars.

THE British Admiralty has given notice (No. 346 of 1900) of the existence of a reef named Koiso, which dries 2 feet at low-water springs and has 8 to 23 fathoms around it, on the south coast of Yashiro sima, situated with the south-east point of Tatsu sima, bearing S. 44° W., distant 5½ cables, and Isaki hana S. 24° E. (*Notice No. 346 of 1900.*)

Approximate position, lat. 33° 52' 20" N., long. 132° 19' 0" E.

(*Variation 4° Westerly in 1900.*)

This Notice affects the following Admiralty Chart:—Inland sea, No. 2875; Also, China Sea Directory, Vol. IV., 1894, page 423.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 174.

[Third Publication.]

PERSIAN GULF—BUSRAH BAR.

A small Cask buoy in place of the lost Outer buoy.

WITH reference to Notice to Mariners No. 154, dated 7th July, issued by this office, relative to the disappearance of the Outer buoy of the Busrah river bar, the Officiating Political Resident in the Persian gulf has given further notice, stating that a small Cask buoy with a small black basket and white flag has been placed in a position approximately five cables S. W. of the old one; and that it is visible about 3 miles in clear weather.

E. J. BEAUMONT, *Comdr., R.I.M.,*
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, AUGUST 8, 1900.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 187.

[First Publication.]

AUSTRALIA—QUEENSLAND—COOKTOWN APPROACH—LARK PASS.

Beacons re-erected on Marx and Swinger reefs.

WITH reference to Notice to Mariners No. 11, dated 12th January last, issued by this office, the British Admiralty has given further notice (No. 398 of 1900) that the beacons on Marx reef (red) and on Swinger reef (red and black) have been re-erected; they have therefore been re-inserted on the Charts in their original positions. (*Notice No. 398 of 1900.*)

Approximate position, Marx reef, lat. $15^{\circ} 12' S.$, long. $145^{\circ} 37' E.$

Ditto ditto Swinger reef, lat. $15^{\circ} 14\frac{1}{2}' S.$, long. $145^{\circ} 32' E.$

This Notice affects the following Admiralty Chart:—Hope islands to Turtle group, No. 2923: Also, Australia Directory, vol. II, 1898, page 376.

E. J. BRAUMONT Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 188.

[First Publication.]

CHINA—MIN RIVER.

Rocky point—Beacon erected.

THE British Admiralty has given notice (No. 399 of 1900) that a red spar beacon, mounted by a cage about 13 feet above high water, on which the words "Rocky point" are painted, has been erected about 30 yards from the outer extremity of a ledge of rocks about half way between Tunui and Tintao, river Min; it is situated with Half Tide beacon bearing N. $72^{\circ} E.$, distant 8 cables, and Kaului head S. $25^{\circ} E.$ (*Notice No. 399 of 1900.*)

Approximate position, lat. $26^{\circ} 5' 30'' N.$, long. $119^{\circ} 31' 30'' E.$

This Notice affects the following Admiralty Chart:—River Min, No. 2400: Also, China Sea Directory, vol. III, 1894, page 285; and Supplement, 1898, relating to that work, page 23.

E. J. BRAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 189.

[First Publication.]

AFRICA, SOUTH—CAPE COLONY—SIMONS BAY.

Rambler rock—Particulars and position.

THE British Admiralty has given notice (No. 401 of 1900) of the existence of a rocky patch, named Rambler rock, with a depth of 27 feet over it, situated with Roman rocks lighthouse bearing N. 31° W., distant $2\frac{9}{16}$ cables, and Noah's Ark S. 77° E. (*Notice No. 401 of 1900.*)

Approximate position, lat. $34^{\circ} 11' 0''$ S., long. $18^{\circ} 27' 55''$ E.

(Variation 29° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Table bay to cape Agulhas, No. 2082; cape of Good Hope, &c., No. 636; Simons bay, No. 1849; Also, Africa Pilot, part II, 1893, page 385, part III, 1897, page 73.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 190.

[First Publication.]

PACIFIC OCEAN—THE PHILIPPINES—LUZON, SOUTH COAST.

Marinduque island—Shoal on west coast.

THE British Admiralty has given notice (No. 410 of 1900) that a shoal of $4\frac{1}{2}$ fathoms is reported to exist where the Charts show a depth of 46 fathoms, northward of the river Buak, Marinduque island.

Approximate position, lat. $13^{\circ} 28' N.$, long. $121^{\circ} 49' E.$

The depth of 46 fathoms has therefore been replaced on the Charts by a shoal of $4\frac{1}{2}$ fathoms. (*Notice No. 410 of 1900.*)

This Notice affects the following Admiralty Charts:—China sea, No. 2661b; Philippine islands, No. 943; St. Bernardino and Mindoro strait, No. 2577; Also, Eastern Archipelago, part I, 1890, page 503.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 191.

[First Publication.]

PACIFIC OCEAN—THE PHILIPPINES—PANAY.

San José de Buenavista—Coral reef off the south extreme.

THE British Admiralty has given notice (No. 411 of 1900) that a coral reef, 20 yards in diameter and with a depth over it of 17 feet at low water, is reported to exist three-quarters of a mile southward of the south extreme of the point on which San José de Buenavista is situated.

Approximate position, lat. $10^{\circ} 44' N.$, long. $121^{\circ} 54\frac{1}{2}' E.$

There is a depth of 7 fathoms inside, and 9 fathoms outside, the reef. (*Notice No. 411 of 1900.*)

This Notice affects the following Admiralty Chart:—Sulu Sea, No. 2578; Also, Eastern Archipelago, part I, 1890, page 212.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 192.

[First Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—MAKTAN ISLAND.

Shoal off point Lanis, port Sebu.

THE British Admiralty has given notice (No. 412 of 1900) that a coral shoal of about 20 yards in diameter, and with a depth over it of 11 feet at low water, is reported to exist about a quarter of a mile S.W. of Lanis point, port Sebu. (*Notice No. 412 of 1900.*)

Approximate position, lat. $10^{\circ} 14' 0''$ N., long. $123^{\circ} 53' 0''$ E.

(*Variation 1° Easterly in 1900.*)

This Notice affects the following Admiralty Chart:—Port Sebu, No. 2391: Also, Eastern Archipelago, part I, 1890, page 258; and Revised Supplement, 1898, page 63, relating to that work.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 193.

[First Publication.]

PACIFIC OCEAN,—SUMATRA, WEST COAST—BATU ISLANDS.

Particulars of Treba island and Lago islet.

THE British Admiralty has given notice (No. 413 of 1900) that the following islands are reported to exist between Tanah Masa and Pulo Pinie, Batu islands:—

- a. An island, named Treba, on which there are cocoanut palms, to the eastward of Bai, in approximately lat. $0^{\circ} 3' 20''$ S., long. $98^{\circ} 34' 40''$ E.
- b. A small islet has formed on the reef westward of Lago, in approximately lat. $0^{\circ} 2' 0''$ N., long. $98^{\circ} 25' 20''$ E. (*Notice No. 413 of 1900.*)

This Notice affects the following Admiralty Chart:—Acheh head to Tyingkok bay, No. 2760: Also, China Sea Directory, vol. I, 1896, pages 323, 324.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 184.

[Second Publication.]

AUSTRALIA, SOUTH—SPENCER GULF, WESTERN APPROACH.

A heavy break, S. S. W. from Liguanea island.

THE President, Marine Board, Port Adelaide, has given notice (No. 5 of 1900) that the Master of the ketch *Sea Flower* reports having observed a heavy break S.S.W. from Liguanea Island (approximate latitude $35^{\circ} 13'$ S., longitude $135^{\circ} 30'$ E).

There was a heavy ground swell at the time, and the break occurred every five or six minutes.

The danger above referred to is in the track of vessels trading between South Australia and Western Australia, and until a further examination of the locality can be made a careful lookout should be kept by masters of vessels in the vicinity.

This affects Admiralty Chart No. 1061.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 185.

[Second Publication.]

JAPAN—LIU KIU ISLANDS.

Naha—A conspicuous tree removed.

THE British Admiralty has given notice (No. 383 of 1900) that the conspicuous tree on Naganmi yama, which formed one of the leading marks into Naha harbour, has disappeared; it has therefore been erased from the Charts. (*Notice No. 383 of 1900.*)

Approximate position, lat. $26^{\circ} 10' 50''$ N., long. $127^{\circ} 42' 55''$ E.

This Notice affects the following Admiralty Chart:—Naha roads, No. 990: Also, China Sea Directory, vol. IV, 1894, page 219.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 186.

[Second Publication.]

PACIFIC OCEAN—THE PHILIPPINES—LUZON, NORTH-EAST COAST.

Pinagnapan island—Rock to the north-west.

THE British Admiralty has given notice (No. 384 of 1900) of the existence of a rock surrounded by a reef about 2 miles N.W. of Pinagnapan island, Kalaguas islands. The reef is about 2 miles in extent. (*Notice No. 384 of 1900.*)

Approximate position, lat. $14^{\circ} 33'$ N., long. $122^{\circ} 47\frac{1}{2}'$ E.

(Variation Nil in 1900.)

This Notice affects the following Admiralty Charts:—Philippine islands, No. 943; St. Bernardino and Mindoro straits, No. 2577: Also, Eastern Archipelago, part I, 1900, page 338; and Revised Supplement, 1898, relating to that work, page 68.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 175.

[Third Publication.]

AUSTRALIA, NORTH COAST—PORT DARWIN.

A cheese-shaped buoy placed within Quarantine Ground.

THE President, Marine Board, Port Adelaide, has given notice (No. 4 of 1900) that a Cheese-shaped Buoy, painted black, has been placed on the Shoal Patch of Rocks within the boundaries of the Quarantine Ground, Port Darwin, on the following bearings:—North Shell Island, N. $78^{\circ} 45'$, E. magnetic; Middle Hill, S. $14^{\circ} 30'$, W. magnetic, lat. $12^{\circ} 29' 50''$ S., long. $130^{\circ} 52' 30''$ E.

Vessels ordered into Quarantine should anchor about four cables to the north and west of the above-mentioned Buoy.

This notice affects Admiralty Chart No. 613, and Plan No. 925.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 21st July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 176.

[Third Publication.]

PERSIAN GULF—NABIYU FARUR.

Shoal Sounding.

THE following Notice to Mariners issued by the Bombay Government is republished :—

Information has been received from Lieutenant Beauchamp, Commanding R. I. M. S. *Laurence*, that a sounding of 8 fms. was obtained $1\frac{1}{2}$ miles S.S.W. of Nabiyu Farur, with the western extremes of the island bearing N. 7° E. and the eastern N. 43° E.

Approximate position lat. $26^{\circ} 06' N.$, long. $54^{\circ} 26' E.$

As it does not appear from Lieutenant Beauchamp's report that any detailed examination was made of the locality where this sounding was obtained, it is possible shoaler water may exist.

All bearings are magnetic. Variation $0^{\circ} 10' E.$ in 1900.

This Notice affects the following Admiralty Chart :—*Persian Gulf*, No. 2837 A., and *Persian Gulf Pilot*, 4th edition, 1898, page 236.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 21st July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT

NOTICE TO MARINERS—No. 177.

[Third Publication.]

AFRICA, SOUTH-EAST COAST—DELAGOA BAY.

Elephant island—Alterations in Gibbon point and beacon, &c.

THE British Admiralty has given notice (No. 350 of 1900) that information, dated 25th April 1900, has been received from Captain W. B. Fisher, H.M.S. *Magicienne* that the following changes have taken place in the configuration of Elephant island affecting the position of Gibbon point and beacon :—

- a. Gibbon point has extended to the westward, and the small white beacon thereon is now situated about 100 yards eastward of the extremity of this extension, or S. 25° E., 2 cables from the observation spot.

Approximate position, lat. $25^{\circ} 58' 10'' S.$, long. $32^{\circ} 54' 20'' E.$

- b. A shoal, with depths of from $2\frac{1}{2}$ to 3 fathoms over it, extends to the northward from Gibbon point about three-quarters of a mile. Its northern extremity is situated with Gibbon point beacon (new position) bearing S 3° E., distant 8 cables; from discolouration of the water this shoal would now appear to form part of the Cockburn shoal.

CAUTION.—Considerable changes appear to have taken place in this vicinity; the Chart should therefore be used with caution, and the leading marks into port Melville given in *Africa Pilot*, part III, page 204, are no longer available. (*Notice No. 350 of 1900.*)

Variation 23° Westerly in 1900.

This Notice affects the following Admiralty Charts :—*Delagoa bay*, No. 644; *port Melville*, No. 645; Also, *Africa Pilot*, part III, 1897, pages 203, 204.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 178.

[Third Publication.]

AFRICA EAST COAST—GULF OF ADEN.

Zeila roadstead—Buoy replaced.

WITH reference to Notice to Mariners No. 70, dated 12th March last, issued by this office, the British Admiralty has given further notice No. 352 of 1900, that the Gull shoal buoy (black conical, surmounted by a staff and two cages placed vertically) has been replaced;

it is moored in $5\frac{1}{2}$ fathoms, low-water springs, with Zeila Consulate bearing S. 66° W., distant $9\frac{1}{6}$ miles, and Aibat beacon N. 56° W. (*Notice No. 352 of 1900.*)

Approximate position, lat. $11^{\circ} 25' 20''$ N., long. $43^{\circ} 36' 50''$ E.

This Notice affects the following Admiralty Chart:—Zeila roadstead, No. 919: Also, Red Sea and Gulf of Aden Pilot, 1892, pages 404-405.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 179.

[Third Publication.]

PACIFIC OCEAN, SOUTH—TAHITI.

Papiete—Quarantine Regulations.

THE British Admiralty has given notice (No. 356 of 1900) that until further notice, vessels entering the harbour of Papiete at night must anchor at the Quarantine station, and wait for daylight to obtain pratique. (*Notice No. 356 of 1900.*)

Approximate position, lat. $17^{\circ} 32'$ S., long. $149^{\circ} 35'$ W.

This Notice affects the following Admiralty Chart:—Papiete pass to Papenu pass, No. 1158; Also Pacific Islands, Vol. II, 1891, page 301.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 180.

[Third Publication.]

PACIFIC OCEAN, SOUTH—SOLOMON ISLANDS, YSABEL ISLANDS.

Cape Prieto—Shoal reported—Sand cay above water.

THE British Admiralty has given notice (No. 357 of 1900) that a coral patch of very small extent, with apparently a depth over it of 3 fathoms, is reported to exist about one mile to the south-eastward of cape Prieto.

Also, that the sand cay situated about $1\frac{1}{2}$ miles northward of cape Prieto is now covered with bushes and low trees. (*Notice No. 357 of 1900.*)

Approximate position, lat. $8^{\circ} 27'$ S., long. $159^{\circ} 47'$ E.

This Notice affects the following Admiralty Chart.—Solomon islands, No. 214: Also, Pacific Islands, vol. I, 1890, page 392.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 181.

[Third Publication.]

CHINA SEA—TONG KING GULF.

Haifong approaches—Lights exhibited.

THE British Admiralty has given notice (No. 359 of 1900) that the following dioptric lights of the 6th order are exhibited in the approaches to Haifong:—

1. A white fixed light, elevated 30 feet above high water, and visible from the bearing of S. 61° W., through west and north, to S. 29° E., is exhibited from a column surmounting an iron pile structure, painted red, erected southward of Mangne island, in approximately lat. $20^{\circ} 49' 55''$ N., long. $106^{\circ} 52' 15''$ E.

2. A green fixed light elevated 28 feet above high water, and visible from the bearing of N. 86° W., through north and east, to S. 4° W., is exhibited from a column surmounting an iron pile structure, painted red, erected at the junction of Song chang and Kua nam trieu, in approximately lat. 20° 56' 21" N., long. 106° 45' 35" E. (*Notice No. 359 of 1900.*)

(Variation 2° Easterly in 1900.)

This notice affects the following admiralty Charts:—Approaches to Haifong, No. 775: Also List of Lights, part VI, 1900, page 110; and China Sea Directory, vol. II, 1899, page 441.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 182.

[Third Publication.]

CHINA SEA—SINGAPORE.

New Harbour—Renamed Keppel Harbour.

THE British Admiralty has given notice (No. 362 of 1900) that the Colonial Government changed the name of New harbour to Keppel harbour. This name has therefore been inserted on the Charts, in addition to that by which the harbour has been known up to the present; but when the China Sea Directory, vol. I, is again revised, the name of Keppel harbour will alone be used. (*Notice No. 362 of 1900.*)

Approximate position, lat. 1° 16' N., long. 103° 50' E.

This Notice affects the following Admiralty Charts:—Malacca strait, No. 1355; Banka strait to Singapore, No. 2757; cape Rachado to Singapore, No. 795; Singapore strait, Nos. 2403, 2404; Singapore roads, No. 1995; Singapore New harbour, No. 2023: Also, China Sea Directory, vol. I, 1896, page 207.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 183.

[Third Publication.]

EASTERN ARCHIPELAGO—GILLOLO PASSAGE.

Reported non-Existence of Erbe and Ardassier islands.

THE British Admiralty has given notice (No. 364 of 1900) that information has been received through the Board of Trade that the Master of the ship *City of Hancow* reports that on 4th January 1900, when working to windward in a north-easterly direction, in very clear weather, he passed over the positions of Erbe and Ardassier islands without seeing any sign of them, although the Catherine islands were distinctly seen from a distance of 20 miles.

Approximate position, Erbe island, lat. 0° 44' N., long. 129° 12' E.

As the reported positions of these islands has been passed over by other vessels in 1886 without their having been seen, they probably do not exist, and have therefore been erased from the Admiralty Charts. (*Notice No. 364 of 1900.*)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, Nos. 942a, b: Also, Eastern Archipelago, part I, 1890, page 407.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, AUGUST 15, 1900.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 194.

[First Publication.]

JAPAN—KUSIU.

Nagasaki harbour—Rocks in approaches.

THE British Admiralty has given notice (No. 417 of 1900) of the existence of the undermentioned rocks in the approaches to Nagasaki harbour:—

1. Okinokarakasasone, a rock with a least depth over it of $4\frac{1}{2}$ fathoms, is situated with the south-east point of Takabekojima (in line with Io sima lighthouse) bearing N. 87° W., distant nine-tenths of a cable, and the islet off the south-west point of Nezumi sima N. 21° E.

Approximate position, lat. $32^{\circ} 43' 5''$ N., long. $129^{\circ} 49' 45''$ E.

This rock is 4 to 5 yards in extent and steep to.

2. Osone, a rock with a least depth of 4 fathoms over it, situated with Naginata saki lighthouse bearing S. 76° W., distant $7\frac{1}{10}$ cables, and east extreme of Nezumi sima N. 18° W. This rock has depths of 4 to 7 fathoms over it, and lies in a S.S.W. and N.N.E. direction.
3. Kawarasone, a rock with a least depth of $6\frac{1}{2}$ fathoms over it, situated with Chosuse (eastern rock) bearing S. 42° E., distant $2\frac{1}{10}$ cables, and Uomi yama N. 63° E. This is a pinnacle rock with two heads and is steep to.
4. Okinosone, a rock with a least depth of 8 fathoms over it, situated with Tsuwabara zaki bearing S. 87° W., distant $4\frac{1}{2}$ cables, and Imori yama S. 10° E.
5. A small pinnacle rock with a depth of half a fathom over it, from which Goroye sima (the correct name of which is Tonosama yama jima) bears N. 59° E., distant half a cable, and Imori yama S. 58° E. There is a depth of 4 fathoms immediately outside this rock.

The name Goroye sima, shown on the present Chart, should be transferred to the islet situated $1\frac{1}{2}$ cables to the southward of it.

6. Tono dashi is a small rock with a least depth of $1\frac{1}{2}$ fathoms over it, situated with Imori yama bearing N. 45° E., distant $2\frac{2}{10}$ cables, and Kajikake rock beacon N. 67° W. (Notice No. 417 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Nagasaki harbour, Nos. 2415, 2815: Also, China Sea Directory, vol. IV, 1894, pages 500, 502; and Supplement, 1898, relating to that work, page 27.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 195.

[First Publication.]

AFRICA, EAST COAST—PUNGUE RIVER ENTRANCE.

Buoy—Shoal.

WITH reference to Notice to Mariners No. 127, dated 19th May last, issued by this office, the British Admiralty has given further notice (No. 419 of 1900) that the following information, dated 31st May 1900, respecting a new buoy and shoal in Pungue river entrance, has been received from Commander W. F. Tunnard, H.M.S. *Barossa* :—

- (a) A black buoy, surmounted by staff and globe, has been moored about $2\frac{1}{2}$ miles N. 88° W. of the fairway or outer buoy (conical, with staff and globe No. 2), to mark the southern edge of the 17-foot shoal.

Approximate position, lat. $19^{\circ} 56' 35''$ S., long $34^{\circ} 56' 35''$ E.

- (b) A shoal, with a depth of 13 feet over it, is reported to exist at a distance of about 6 cables S. 74° W. from the above buoy, and with point Jea bearing N. 22° W., distant $7\frac{1}{16}$ miles.

CAUTION.—As the banks and buoys are subject to change and alteration, local knowledge is absolutely necessary before attempting to enter. (Notice No. 419 of 1900.)

(Variation 18° Westerly in 1900.)

This Notice affects the following Admiralty Chart :—River Pungue, No. 1003 : Also, Africa Pilot, part III, 1897, page 221.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 196.

[First Publication.]

JAPAN—SHIKOKU ISLAND.

Urado harbour light altered.

THE British Admiralty has given notice (No. 420 of 1900) that on 30th May 1900, a white fixed light of 140 candle power was exhibited on Riuzusaki, Urado (Urato) harbour.

Riuzusaki light is elevated 133 feet above high water, and visible, in clear weather, from a distance of 8 miles, from the bearing of N. 67° E., through north and west, to S. 10° E.; it is shown from a brick octagonal tower, 20 feet high, painted white, erected on the same spot as the former light, which has been discontinued. (Notice No. 420 of 1900.)

Approximate position, lat. $33^{\circ} 29\frac{1}{4}'$ N., long. $133^{\circ} 34'$ E.

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Charts :—Van Diemen strait to Oosima, No. 1648 ; Seto uchi, No. 2875 : Also, List of Lights, part VI, 1900, No. 887 ; and China Sea Directory, vol. IV, page 255.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 197.

[First Publication.]

PACIFIC OCEAN—SAMOA GROUP—SAVIAH ISLAND.

Mataatu harbour—Bank in approach.

THE British Admiralty has given notice (No. 424 of 1900) that information has been received from Commander H. Preedy, H.M.S. *Torch*, that, on entering Mataatu harbour, his vessel passed over a bank of small extent, on which a depth of 7 fathoms was obtained, with the church bearing S. 22° E., distant about 2 miles. (Notice No. 424 of 1900.)

Approximate position, lat. $13^{\circ} 25'$ S., long. $172^{\circ} 21\frac{1}{4}'$ W.

(Variation 9° Easterly in 1900.)

This Notice affects the following Admiralty Chart :—Samoa islands, No. 1730 : Also, Pacific Islands, vol. II, 1891, page 79.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 198.

[First Publication.]

CHINA SEA—TONG KING GULF—HAIFONG APPROACHES.

Banes d'Anam—Light exhibited.

THE British Admiralty has given notice (No. 427 of 1900) that a *white fixed dioptric* light of the 6th order is exhibited on the rocky shoals, called Banes d'Anam, on the east bank of Kua nam Trieu, in the approaches to Haifong.

Banes d'Anam light elevated 31 feet above high water, and visible from the bearing of N. 18° W., through north and east, to S. 42° W., is exhibited from two poles over an iron shed surmounting an iron pile structure, painted black, erected on the western edge of the shoals, in approximately lat. 20° 55' 5" N., long. 106° 45' 35" E. (*Notice No. 427 of 1900.*)

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—Kua Lasht to Kao Tao shan islands, No. 1965; Approaches to Haifong, No. 775; Also, List of Lights, part VI, 1900, page 110; and China Sea Directory, vol. II, 1899, page 441.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 199.

[First Publication.]

AUSTRALIA, SOUTH COAST—PORT ALBERT ENTRANCE.

Alterations in channel, buoyage, &c.

WITH reference to Notice to Mariners No. 178 of 1899, the British Admiralty has given further notice (No. 431 of 1900) that Clonmel island has disappeared, and further alterations have taken and are taking place, specially during easterly winds, in the entrance to port Albert; frequent changes in the buoys are therefore necessary.

The outer entrance to the channel is at present marked by a fairway buoy, and the channel by red buoys on the starboard, and black buoys on the port side entering, which should be passed close to. (*Notice No. 431 of 1900.*)

Approximate position, Clonmel island, lat. 38° 45' S., long. 146° 40' E.

This Notice affects the following Admiralty Chart:—Wilson promontory, No. 1703; Also, Australia Directory, vol. I, 1897, page 531.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 200.

[First Publication.]

AUSTRALIA—SOUTH CHANNEL, PORT CURTIS.

New tower and alteration of Gatcombe head lighthouse, and establishment of leading lights.

THE Port Master, Brisbane, has given notice (No. 11 of 1900) that it is intended to erect a new tower at Gatcombe Head about 450 feet North by East of the present tower. The tower will be 38 feet high, circular in shape, and painted white with a red dome. The light will be at an elevation of 122 feet above high water, and will be visible for 13 miles from a ship's deck in clear weather.

The red sector seawards will be discontinued. The light will be white between the bearings S. 29° W. and N. 70° W., also between N. 45° W. and N. 21° E.; red between N. 21° E. and N. 43° E.; to the northward of the latter bearing it will be white until obscured by the land, and between the bearings of N. 70° W. and N. 45° W. it will also be obscured.

LEADING LIGHTS, SOUTH CHANNEL.

Near the mouth of the Boyne River two leading lights will be shown, the front light from a skeleton tower 30 feet high, having a total elevation of 66 feet above high water, and the back light from a small square building situated on a hill at the back, at a total elevation of 121 feet above high water. Both structures are painted white, and the distance between them is 5,750 feet. The lights on these structures will be 4th order holophotes, and will be visible 12 and 14½ miles, respectively. These lights, forming the first lead, bear when in line S. 75° W.

The second line of leading lights is placed on the slope of the hill on the west side of Gatcombe Head. The front light is in a small house at an elevation of 32 feet above high water, and the back light on a skeleton tower 30 feet high, the total elevation of the light being 66 feet above high water.

It is anticipated that the lights for the South Channel will be ready for exhibition in August. Instructions for using the lights and further notice will be issued before they are exhibited.

Chart affected, 1900; Australia Directory, vol 2.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 201.

[First Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

Pipon islands—New lighthouse and removal of Channel Rock lightship.

THE Port Master, Brisbane, has given notice (No. 12 of 1900) that it is intended to erect a skeleton iron tower on the South Islet of the Pipon Island Group carrying a lantern with 4th order dioptric light. The tower will be 60 feet high and the focal plain 55 feet above high water. The skeleton structure will be painted red, and the lantern white with a red dome. The light will be visible through an arc of 160 degrees, white between bearings of N. 72° W. (through South) to N. 53° E., red between N. 53° E. and N. 76° E., and white between N. 76° E. and N. 88° E., and will be intensified over an arc of 11 degrees through the Barrow Strait. The light will be visible 13 miles in clear weather.

It is expected that the light will be ready for exhibition about the 15th November 1900, when the lightship will be removed, further notice of which will be given.

Chart affected, 2922; Australia Directory, vol. 2.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 202.

[First Publication.]

PERSIAN GULF—BUSRAH BAR.

A new Busrah bar buoy laid.

IN continuation of Notice to Mariners No. 174, dated the 14th July last, issued by this office, the Acting British Vice-Consul at Bushire has given further notice that the Commander of the S.S. *Kilwa* reports that he has laid down a new Busrah bar buoy in lat. 29° 49' N. and long. 48° 45' E. in 12 feet low water springs with No. 2 (large cask) buoy bearing N. 46° W. magnetic, distance 5 miles.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 13th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 187.

[Second Publication.]

AUSTRALIA—QUEENSLAND—COOKTOWN APPROACH—LARK PASS.

Beacons re-erected on Marx and Swinger reefs.

WITH reference to Notice to Mariners No. 11, dated 12th January last, issued by this office, the British Admiralty has given further notice (No. 398 of 1900) that the beacons on Marx reef (*red*) and on Swinger reef (*red and black*) have been re-erected; they have therefore been re-inserted on the Charts in their original positions. (*Notice No. 398 of 1900.*)

Approximate position, Marx reef, lat. $15^{\circ} 12' S.$, long. $145^{\circ} 37' E.$ Ditto ditto Swinger reef, lat. $15^{\circ} 14\frac{1}{2}' S.$, long. $145^{\circ} 32' E.$

This Notice affects the following Admiralty Chart:—Hops islands to Turtle group, No. 2923: Also, Australia Directory, vol. II, 1898, page 376.

E. J. BEAUMONT Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 188.

[Second Publication.]

CHINA—MIN RIVER.

Rocky point—Beacon erected.

THE British Admiralty has given notice (No. 399 of 1900) that a red spar beacon surmounted by a cage about 13 feet above high water, on which the words "Rocky point" are painted, has been erected about 30 yards from the outer extremity of a ledge of rocks about half way between Tunui and Tintao, river Min; it is situated with Half Tide beacon bearing N. $72^{\circ} E.$, distant 8 cables, and Kaului head S. $25^{\circ} E.$ (*Notice No. 399 of 1900.*)

Approximate position, lat. $26^{\circ} 5' 30'' N.$, long. $119^{\circ} 31' 30'' E.$

This Notice affects the following Admiralty Chart:—River Min, No. 2400: Also, China Sea Directory, vol. III, 1894, page 285; and Supplement, 1898, relating to that work, page 23.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 189.

[Second Publication.]

AFRICA, SOUTH—CAPE COLONY—SIMONS BAY.

Rambler rock—Particulars and position.

THE British Admiralty has given notice (No. 401 of 1900) of the existence of a rocky patch, named Rambler rock, with a depth of 27 feet over it, situated with Roman rocks lighthouse bearing N. $31^{\circ} W.$, distant $2\frac{1}{10}$ cables, and Noah's Ark S. $77^{\circ} E.$ (*Notice No. 401 of 1900.*)

Approximate position, lat. $34^{\circ} 11' 0'' S.$, long. $18^{\circ} 27' 55'' E.$ *(Variation 29° Westerly in 1900.)*

This Notice affects the following Admiralty Charts:—Table bay to cape Agulhas, No. 2082; cape of Good Hope, &c., No. 636; Simons bay, No. 1849: Also, Africa Pilot, part II, 1893, page 385, part III, 1897, page 73.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 190.

[Second Publication.]

PACIFIC OCEAN—THE PHILIPPINES—LUZON, SOUTH COAST.

Marinduque island—Shoal on west coast.

THE British Admiralty has given notice (No. 410 of 1900) that a shoal of $4\frac{1}{2}$ fathoms is reported to exist where the Charts show a depth of 46 fathoms, northward of the river Buak, Marinduque island.

Approximate position, lat. $13^{\circ} 28' N.$, long. $121^{\circ} 49' E.$

The depth of 46 fathoms has therefore been replaced on the Charts by a shoal of $4\frac{1}{2}$ fathoms. (*Notice No. 410 of 1900.*)

This Notice affects the following Admiralty Charts:—China sea, No. 2661b; Philippine islands, No. 943; St. Bernardino and Mindoro strait, No. 2577; Also, Eastern Archipelago, part I, 1890, page 303.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 191.

[Second Publication.]

PACIFIC OCEAN—THE PHILIPPINES—PANAY.

San José de Buenavista—Coral reef off the south extreme.

THE British Admiralty has given notice (No. 411 of 1900) that a coral reef, 20 yards in diameter and with a depth over it of 17 feet at low water, is reported to exist three-quarters of a mile southward of the south extreme of the point on which San José de Buenavista is situated.

Approximate position, lat. $10^{\circ} 44' N.$, long. $121^{\circ} 54\frac{1}{2}' E.$

There is a depth of 7 fathoms inside, and 9 fathoms outside, the reef. (*Notice No. 411 of 1900.*)

This Notice affects the following Admiralty Chart:—Sulu Sea, No. 2578; Also, Eastern Archipelago, part I, 1890, page 212.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 192.

[Second Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—MAKTAN ISLAND.

Shoal off point Lanis, port Sebu.

THE British Admiralty has given notice (No. 412 of 1900) that a coral shoal of about 20 yards in diameter, and with a depth over it of 11 feet at low water, is reported to exist about a quarter of a mile S.W. of Lanis point, port Sebu. (*Notice No. 412 of 1900.*)

Approximate position, lat. $10^{\circ} 14' 0'' N.$, long. $123^{\circ} 53' 0'' E.$

(*Variation 1° Easterly in 1900.*)

This Notice affects the following Admiralty Chart:—Port Sebu, No. 2391; Also, Eastern Archipelago, part I, 1890, page 258; and Revised Supplement, 1898, page 63, relating to that work.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 193.

[Second Publication.]

PACIFIC OCEAN,—SUMATRA, WEST COAST—BATU ISLANDS.

Particulars of Treba island and Lago islet.

THE British Admiralty has given notice (No. 413 of 1900) that the following islands are reported to exist between Tanah Masa and Pulo Pinie, Batu islands:—

- a. An island, named Treba, on which there are cocoanut palms, to the eastward of Bai, in approximately lat. $0^{\circ} 3' 20''$ S., long. $98^{\circ} 34' 40''$ E.
- b. A small islet has formed on the reef westward of Lago, in approximately lat. $0^{\circ} 2' 0''$ N., long. $98^{\circ} 25' 20''$ E. (Notice No. 413 of 1900.)

This Notice affects the following Admiralty Chart:—Acheh head to Tyingkok bay, No. 2760: Also, China Sea Directory, vol. I, 1896, pages 323, 324.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 184.

[Third Publication.]

AUSTRALIA, SOUTH—SPENCER GULF, WESTERN APPROACH.

A heavy break, S. S. W. from Liguanea island.

THE President, Marine Board, Port Adelaide, has given notice (No. 5 of 1900) that the Master of the ketch *Sea Flower* reports having observed a heavy break S. S. W. from Liguanea Island (approximate latitude $35^{\circ} 13'$ S., longitude $135^{\circ} 30'$ E).

There was a heavy ground swell at the time, and the break occurred every five or six minutes.

The danger above referred to is in the track of vessels trading between South Australia and Western Australia, and until a further examination of the locality can be made a careful lookout should be kept by masters of vessels in the vicinity.

This affects Admiralty Chart No. 1061.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 185.

[Third Publication.]

JAPAN—LIU KIU ISLANDS.

Naha—A conspicuous tree removed.

THE British Admiralty has given notice (No. 383 of 1900) that the conspicuous tree on Naganmi yama, which formed one of the leading marks into Naha harbour, has disappeared; it has therefore been erased from the Charts. (Notice No. 383 of 1900.)

Approximate position, lat. $26^{\circ} 10' 50''$ N., long. $127^{\circ} 42' 55''$ E.

This Notice affects the following Admiralty Chart:—Naha roads, No. 990: Also, China Sea Directory, vol. IV, 1894, page 219.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 186.

[Third Publication.]

PACIFIC OCEAN—THE PHILIPPINES—LUZON, NORTH-EAST COAST.

Pinagnapan island—Rock to the north-west.

THE British Admiralty has given notice (No. 384 of 1900) of the existence of a rock surrounded by a reef about 2 miles N.W. of Pinagnapan island, Kalaguas islands. The reef is about 2 miles in extent. (*Notice No. 384 of 1900.*)

Approximate position, lat. $14^{\circ} 33' N.$, long. $122^{\circ} 47\frac{1}{2}' E.$

(*Variation Nil in 1900.*)

This Notice affects the following Admiralty Charts:—Philippine islands, No. 943; St. Bernardino and Mindoro straits, No. 2577; Also, Eastern Archipelago, part I, 1900, page 338; and Revised Supplement, 1898, relating to that work, page 68.

E. J. BEAUMONT, *Comdr., R.I.M.,*
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th July 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, AUGUST 22, 1900.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 203.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafully river—Depth of water found in the channels.

THE Port Officer, Chittagong, has given notice that the following depths of water were found in the river channels by soundings taken on the 11th August, and reduced to zero:—

Ft. IN.

Track No. 1—Outer bar—

| | | | | | |
|--|-----|-----|-----|-----|------|
| Disc in the centre between diamond and mast with white and black casks | ... | ... | ... | ... | 11 0 |
| Disc on mast with white and black casks | ... | ... | ... | ... | 8 0 |

Track No. 2—Inner bar—

| | | | | | |
|--|-----|-----|-----|-----|------|
| Disc on diamond | ... | ... | ... | ... | 10 6 |
| Disc on mast with white and black casks | ... | ... | ... | ... | 10 0 |
| Disc in the centre between diamond and mast with white and black casks | ... | ... | ... | ... | 9 9 |

Track No. 3—

| | | | | | |
|-------------------------------|-----|-----|-----|-----|------|
| Tripod on with cross and ball | ... | ... | ... | ... | 18 0 |
|-------------------------------|-----|-----|-----|-----|------|

Track No. 4—

| | | | | | |
|--|-----|-----|-----|-----|------|
| Triangle on with mast with white and black casks | ... | ... | ... | ... | 22 0 |
|--|-----|-----|-----|-----|------|

Track No. 5—Guptakhali crossing—

| | | | | | |
|-------------------|-----|-----|-----|-----|------|
| Tripod on diamond | ... | ... | ... | ... | 20 0 |
| Centre | ... | ... | ... | ... | 18 0 |

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 204.

[First Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Singkel approach—Reefs.

THE British Admiralty has given notice (No. 441 of 1900) of the existence of the following coral reefs to the southward of Singkel:—

A reef, about 400 yards in diameter, with a least depth of 2 fathoms over it, in approximately lat. $2^{\circ} 8' 5''$ N., long. $97^{\circ} 55' 5''$ E.

About half a mile westward of the above is another reef about 400 yards long, N.N.W. S.S.E., with a least depth of 2 fathoms over it. (*Notice No. 441 of 1900.*)

(*Variation 2° Easterly in 1900.*)

This Notice affects the following Admiralty Chart:—Acheh head to Tyingkok bay, No. 2760: Also, China Sea Directory, vol. I, 1896, page 283.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 205.

[First Publication.]

AFRICA, EAST COAST—DELAGOA BAY.

Reported magnetic disturbance.

THE following Notice to Mariners (*No. 442 of 1900*) is republished:—

Recent observations point to a considerable local magnetic disturbance in different parts of Delagoa bay, the variation at Lorenzo Marques and in English river for the year 1900 being about $23^{\circ} 15'$ W., while at Timpson point, Shefina island, it is $20^{\circ} 55'$, and at Gibbon point, Elephant island, about 26° only.

Observations by swinging at sea off this place also point to the probability of the variation off this part of the coast being less than that given on Variation Chart by about $1\frac{1}{2}^{\circ}$, but sufficient data has not yet been received to enable the Chart to be corrected. (*Notice No. 442 of 1900.*)

This Notice affects the following Admiralty Charts:—Delagoa bay, No. 644; port Melville, No. 645: Also, Africa Pilot, part III, 1897, pages 156-189.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 206.

[First Publication.]

JAPAN—KIUSIU, WEST COAST.

Sumo Nada—Reefs.

THE British Admiralty has given notice (*No. 446 of 1900*) of the existence of the undermentioned reefs off Ike sima and Matsu sima, Sumo Nada:—

1. Mayezone, a rock with a least depth over it of $3\frac{1}{2}$ fathoms, is situated with the north point of Ike sima bearing S. 72° E., distant $5\frac{1}{2}$ cables, and the west point of the same island S. 33° W.

Approximate position, lat. $33^{\circ} 53' 20''$ N., long. $129^{\circ} 35' 30''$ E.

This rock is steep to.

2. Fukazone, a rock with a least depth of $2\frac{1}{2}$ fathoms over it, situated with the westernmost of the two south points of Matsu sima bearing N. 75° E., distant $2\frac{1}{2}$ cables, and west extreme of the same island N. 32° W. This rock is steep to outside, and extends about half a cable in a north and south direction. (*Notice No. 446 of 1900.*)

(*Variation 4° Westerly in 1900.*)

This Notice affects the following Admiralty Chart:—Nagasaki to Karatsu, No. 359: Also, China Sea Directory, vol. IV, 1894, page 500; and Supplement, 1898, relating to that work, page 72.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 207.

[First Publication.]

PACIFIC OCEAN—TONGA ISLAND.

Falcon shoal showing above water.

WITH reference to Notice to Mariners No. 209, dated the 27th September 1898, issued by this Office, the British Admiralty has given further notice (*No. 447 of 1900*) that further information, dated 16th April 1900, has been received from Commander A. H. D. Ravenhill, H. M. S. *Porpoise*, that the shoal to which Falcon island has been reduced is now showing above water at its northern end. (*Notice No. 447 of 1900.*)

Approximate position, lat. $20^{\circ} 18' 40''$ S., long. $175^{\circ} 25' 0''$ W.

This Notice affects the following Admiralty Charts:—*Fiji to Samoa islands, No. 1829; Tonga or Friendly islands, No. 2421; Anchorages in Tonga islands, No. 1385; Also, Pacific islands, vol. II, 1891, page 40.*

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 208.

[First Publication.]

JAPAN—KIUSIU.

Hirado no seto—Rocks in southern approach.

THE British Admiralty has given notice (*No. 448 of 1900*) of the existence of the undermentioned rocks in the southern approach to Hirado no seto:—

1. Zingorosone, a rock with a depth over it of $4\frac{1}{2}$ fathoms, situated with Ukise bearing S. 54° W., distant 7 cables.
Approximate position, lat. $33^{\circ} 9' 10''$ N., long. $129^{\circ} 37' 45''$ E.
2. Bakuchinookinoishi, a rock with a depth of $3\frac{3}{4}$ fathoms over it, situated with 517-foot hill bearing N. 21° E., distant about $1\frac{3}{16}$ miles.
Approximate position, lat. $33^{\circ} 12' 5''$ N., long. $129^{\circ} 33' 55''$ E.
3. Nojimanookinoishi, a rock with a depth of $3\frac{3}{4}$ fathoms over it, situated with 517-foot hill bearing N. 46° E., distant $1\frac{3}{16}$ miles.

Approximate position, lat. $33^{\circ} 12' 25''$ N., long. $129^{\circ} 33' 30''$ E. (*Notice No. 448 of 1900.*)
(*Variation 4° Westerly in 1900.*)

This Notice affects the following Admiralty Charts:—*Nagasaki to Karatsu, No. 359; Matsu sima to Atsusi no osima, No. 140; Also, China Sea Directory, vol. IV, 1894, page 515; and Supplement, 1898, relating to that work, page 27.*

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 209.

[First Publication.]

PACIFIC OCEAN—LUZON, NORTH COAST.

Dedikas rocks—Volcanic disturbance.

THE British Admiralty has given notice (*No. 449 of 1900*) that the Master of the S.S. *Leelanav* reports that on 1st April 1900, on passing at a distance of about 3 miles, large clouds of steam were seen issuing from the Dedikas rocks. (*Notice No. 449 of 1900.*)

Approximate position, Dedikas rocks, lat. $19^{\circ} 3'$ N., long. $122^{\circ} 9'$ E.

This Notice affects the following Admiralty Chart:—*Luzon island, No. 2454; Also, China Sea Directory, vol. III, 1894, page 227.*

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 210.

[First Publication.]

JAPAN, INLAND SEA—IYO NADA.

Kamoji rock—Particulars and position.

THE British Admiralty has given notice (No. 450 of 1900) that an isolated reef, named Kamoji, with a depth of 4 fathoms over it at low-water springs, is reported to exist in Iyo nada, with Katayama sima summit bearing N. 16° W., distant about 2 $\frac{1}{2}$ miles, and O Ishi summit N. 75° E.

Approximate position, lat. 33° 52' 50" N., long. 132° 28' 30" E.

This rock has depths of from 20 to 30 fathoms around it. (Notice No. 450 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Seto uchi or Inland sea, No. 2875; Misima Nada and Iyo Nada, No. 83: Also, China Sea Directory, vol. IV, 1894, page 423.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 211.

[First Publication.]

JAPAN—KIUSIU, WEST COAST.

Miye no ura—Rocks in approach.

THE British Admiralty has given notice (No. 453 of 1900) of the existence of the undermentioned rocks in the approach to Miye no ura:—

1. Orise, a rock with a depth over it of one fathom, is situated with No oze (outer rock) bearing S. 78° E., distant 8 cables, and 1090-foot hill (northward of Miye mura) N. 34° E.

Approximate position, lat. 32° 48' 30" N., long. 129° 42' 50" E.

2. Ogame, a rock with a depth of 3 $\frac{1}{2}$ fathoms over it, situated with No oze bearing S. 80° W., distant 10 cables, and 1090-foot hill N. 16° W. (Notice No. 453 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—Nagasaki to Karatsu, No. 359: Also, China Sea Directory, vol. IV, 1894, page 500; and Supplement, 1898, relating to that work, page 27.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 212.

[First Publication.]

NEW ZEALAND—PORT NICHOLSON.

Somes island light—Position and sectors.

WITH reference to Notice to Mariners No. 83, dated 31st March 1900, issued by this office, the British Admiralty has given further notice (No. 455 of 1900) that the new light on Somes island is in the same position as the old one, or about 2 cables S. 6° W. from the Quarantine station; it is elevated 95 feet above the sea, and visible, in clear weather, from a distance of 16 miles, showing *white* from the bearing N. 6° W. to N. 3° W., *red* from N. 3° W. through north, to N. 15° E., *white* from N. 15° E. through east, to S. 88° E., obscured from S. 88° E. through south and west, to N. 77° W., *white* from N. 77° W. to N. 24° W., and *green* from N. 24° W. to N. 6° W. (Notice No. 455 of 1900.)

Approximate position, lat. 41° 15' S., long. 174° 52' E.

(Variation 15° Easterly in 1900.)

This Notice affects the following Admiralty Chart:—Port Nicholson, No. 1423: Also, List of Lights, part VI, 1900, No. 1426; and New Zealand Pilot, 1891, page 171.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 194.

[Second Publication.]

JAPAN—KIU-SIU.

Nagasaki harbour—Rocks in approaches.

THE British Admiralty has given notice (No. 417 of 1900) of the existence of the undermentioned rocks in the approaches to Nagasaki harbour:—

1. Okinokarakasane, a rock with a least depth over it of $4\frac{1}{2}$ fathoms, is situated with the south-east point of Takabokojima (in line with Io sima lighthouse) bearing No. 87° W., distant nine-tenths of a cable, and the islet off the south-west point of Nezumi sima N. 21° E.
Approximate position, lat. $32^{\circ} 43' 5''$ N., long. $129^{\circ} 49' 45''$ E.
This rock is 4 to 5 yards in extent and steep to.
2. Osone, a rock with a least depth of 4 fathoms over it, situated with Naginata saki lighthouse bearing S. 76° W., distant $7\frac{1}{16}$ cables, and east extreme of Nezumi sima N. 18° W. This rock has depths of 4 to 7 fathoms over it, and lies in a S.S.W. and N.N.E. direction.
3. Kawarasone, a rock with a least depth of $6\frac{1}{2}$ fathoms over it, situated with Chosuse (eastern rock) bearing S. 42° E., distant $2\frac{1}{16}$ cables, and Uomi yama N. 63° E. This is a pinnacle rock with two heads and is steep to.
4. Okinosone, a rock with a least depth of 8 fathoms over it, situated with Tsuwabara zaki bearing S. 87° W., distant $4\frac{1}{2}$ cables, and Imori yama S. 10° E.
5. A small pinnacle rock with a depth of half a fathom over it, from which Goroye sima (the correct name of which is Tonosama yama jima) bears N. 59° E., distant half a cable, and Imori yama S. 58° E. There is a depth of 4 fathoms immediately outside this rock.
The name Goroye sima, shown on the present Chart, should be transferred to the islet situated $1\frac{1}{2}$ cables to the southward of it.
6. Tono dashi is a small rock with a least depth of $1\frac{1}{2}$ fathoms over it, situated with Imori yama bearing N. 45° E., distant $2\frac{7}{16}$ cables, and Kajikake rock beacon N. 67° W. (Notice No. 417 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Nagasaki harbour, Nos. 2415, 2815; Also, China Sea Directory, vol. IV, 1894, pages 500, 502; and Supplement, 1898, relating to that work, page 27.

E. J. BEAUMONT, Comdr., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 11th August 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 195.

[Second Publication.]

AFRICA, EAST COAST—PUNGUE RIVER ENTRANCE.

Buoy—Shoal.

WITH reference to Notice to Mariners No. 127, dated 19th May last, issued by this office, the British Admiralty has given further notice (No. 419 of 1900) that the following information, dated 31st May 1900, respecting a new buoy and shoal in Pungue river entrance, has been received from Commander W. F. Tunnard, H.M.S. *Barossa*:—

- (a) A black buoy, surmounted by staff and globe, has been moored about $2\frac{1}{2}$ miles N. 88° W. of the fairway or outer buoy (conical, with staff and globe No. 2), to mark the southern edge of the 17-foot shoal.

Approximate position, lat. $19^{\circ} 56' 35''$ S., long. $34^{\circ} 56' 35''$ E.

- (b) A shoal, with a depth of 13 feet over it, is reported to exist at a distance of about 6 cables S. 74° W. from the above buoy, and with point Jea bearing N. 22° W., distant $7\frac{1}{16}$ miles.

CAUTION.—As the banks and buoys are subject to change and alteration, local knowledge is absolutely necessary before attempting to enter. (Notice No. 419 of 1900.)

(Variation 18° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—River Pungue, No. 1003; Also, Africa Pilot, part III, 1897, page 221.

E. J. BEAUMONT, Comdr., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 11th August 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 196.

[Second Publication.]

JAPAN—SHIKOKU ISLAND.

Urado harbour light altered.

THE British Admiralty has given notice (No. 420 of 1900) that on 30th May 1900, a *white fixed* light of 140 candle power was exhibited on Riuzusaki, Urado (Urato) harbour.

Riuzusaki light is elevated 133 feet above high water, and visible, in clear weather, from a distance of 8 miles, from the bearing of N. 67° E., through north and west, to S. 10° E.; it is shown from a brick octagonal tower, 20 feet high, painted white, erected on the same spot as the former light, which has been discontinued. (*Notice No. 420 of 1900.*)

Approximate position, lat. 33° 29½' N., long. 133° 34' E.

(*Variation 4° Westerly in 1900.*)

This Notice affects the following Admiralty Charts:—Van Diemen strait to Cosima, No. 1648; Seto uchi, No. 2875; Also, List of Lights, part VI, 1900, No. 887; and China Sea Directory, vol. IV, page 255.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 197.

[Second Publication.]

PACIFIC OCEAN—SAMOA GROUP—SAVU ISLAND.

Matautu harbour—Bank in approach.

THE British Admiralty has given notice (No. 424 of 1900) that information has been received from Commander H. Freedy, H.M.S. *Torch*, that, on entering Matautu harbour, his vessel passed over a bank of small extent, on which a depth of 7 fathoms was obtained, with the church bearing S. 22° E., distant about 2 miles. (*Notice No. 424 of 1900.*)

Approximate position, lat. 13° 25' S., long. 172° 21½' W.

(*Variation 9° Easterly in 1900.*)

This Notice affects the following Admiralty Chart:—Samoa islands, No. 1730; Also, Pacific Islands, vol. II, 1891, page 79.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 198.

[Second Publication.]

CHINA SEA—TONG KING GULF—HAIFONG APPROACHES.

Bancs d'Anam—Light exhibited.

THE British Admiralty has given notice (No. 427 of 1900) that a *white fixed* dioptric light of the 6th order is exhibited on the rocky shoals, called Bancs d'Anam, on the east bank of Kua nam Trieu, in the approaches to Haifong.

Bancs d'Anam light elevated 31 feet above high water, and visible from the bearing of N. 18° W., through north and east, to S. 42° W., is exhibited from two poles over an iron shed surmounting an iron pile structure, painted black, erected on the western edge of the shoals, in approximately lat. 20° 55' 5" N., long. 106° 45' 35" E. (*Notice No. 427 of 1900.*)

(*Variation 2° Easterly in 1900.*)

This Notice affects the following Admiralty Charts:—Kua Lacht to Kao Tao shan islands, No. 1965; Approaches to Haifong, No. 775; Also, List of Lights, part VI, 1900, page 110; and China Sea Directory, vol. II, 1899, page 441.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 199.

[Second Publication.]

AUSTRALIA, SOUTH COAST—PORT ALBERT ENTRANCE.

Alterations in channel, buoyage, &c.

WITH reference to Notice to Mariners No. 178 of 1899, the British Admiralty has given further notice (No. 431 of 1900) that Clonmel island has disappeared, and further alterations have taken and are taking place, specially during easterly winds, in the entrance to port Albert; frequent changes in the buoys are therefore necessary.

The outer entrance to the channel is at present marked by a fairway buoy, and the channel by red buoys on the starboard, and black buoys on the port side entering, which should be passed close to. (*Notice No. 431 of 1900.*)

Approximate position, Clonmel island, lat. $38^{\circ} 45' S.$, long. $146^{\circ} 40\frac{1}{2}' E.$

This Notice affects the following Admiralty Chart:—Wilson promontory, No. 1703: Also, Australia Directory, vol. I, 1897, page 531.

E. J. BEAUMONT, *Comdr., R.I.M.,*
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 200.

[Second Publication.]

AUSTRALIA—SOUTH CHANNEL, PORT CURTIS.

New tower and alteration of Gatcombe head lighthouse, and establishment of leading lights.

THE Port Master, Brisbane, has given notice (No. 11 of 1900) that it is intended to erect a new tower at Gatcombe Head about 450 feet North by East of the present tower. The tower will be 38 feet high, circular in shape, and painted white with a red dome. The light will be at an elevation of 122 feet above high water, and will be visible for 13 miles from a ship's deck in clear weather.

The red sector seawards will be discontinued. The light will be white between the bearings $S. 29^{\circ} W.$ and $N. 70^{\circ} W.$, also between $N. 45^{\circ} W.$ and $N. 21^{\circ} E.$; red between $N. 21^{\circ} E.$ and $N. 43^{\circ} E.$; to the northward of the latter bearing it will be white until obscured by the land, and between the bearings of $N. 70^{\circ} W.$ and $N. 45^{\circ} W.$ it will also be obscured

LEADING LIGHTS, SOUTH CHANNEL.

Near the mouth of the Boyne River two leading lights will be shown, the front light from a skeleton tower 30 feet high, having a total elevation of 66 feet above high water, and the back light from a small square building situated on a hill at the back, at a total elevation of 121 feet above high water. Both structures are painted white, and the distance between them is 5,750 feet. The lights on these structures will be 4th order holophotes, and will be visible 12 and $14\frac{1}{2}$ miles, respectively. These lights, forming the first lead, bear when in line $S. 75^{\circ} W.$

The second line of leading lights is placed on the slope of the hill on the west side of Gatcombe Head. The front light is in a small house at an elevation of 32 feet above high water, and the back light on a skeleton tower 30 feet high, the total elevation of the light being 66 feet above high water.

It is anticipated that the lights for the South Channel will be ready for exhibition in August. Instructions for using the lights and further notice will be issued before they are exhibited.

Chart affected, 1900; Australia Directory, vol 2.

E. J. BEAUMONT, *Comdr., R.I.M.,*
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 201.

[Second Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

Pipon islands—New lighthouse and removal of Channel Rock lightship.

THE Port Master, Brisbane, has given notice (No. 12 of 1900) that it is intended to erect a skeleton iron tower on the South islet of the Pipon Island Group carrying a lantern with

4th order dioptric light. The tower will be 60 feet high and the focal plain 55 feet above high water. The skeleton structure will be painted red, and the lantern white with a red dome. The light will be visible through an arc of 160 degrees, white between bearings of N. 72° W. (through South) to N. 53° E., red between N. 53° E. and N. 76° E., and white between N. 76° E. and N. 88° E., and will be intensified over an arc of 11 degrees through the Barrow Strait. The light will be visible 13 miles in clear weather.

It is expected that the light will be ready for exhibition about the 15th November 1900, when the lightship will be removed, further notice of which will be given.

Chart affected, 2922; Australia Directory, vol. 2.

E. J. BEAUMONT, *Comdr., R.I.M.,*
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 202.

[Second Publication.]

PERSIAN GULF—BUSRAH BAR.

A new Busrah bar buoy laid.

IN continuation of Notice to Mariners No. 174, dated the 14th July last, issued by this office, the Acting British Vice-Consul at Bushire has given further notice that the Commander of the S.S. *Kitea* reports that he has laid down a new Busrah bar buoy in lat. 29° 49' N. and long. 48° 45' E. in 12 feet low water springs with No. 2 (large cask) buoy bearing N. 46° W. magnetic, distance 5 miles.

E. J. BEAUMONT, *Comdr., R.I.M.,*
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 13th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 187.

[Third Publication.]

AUSTRALIA—QUEENSLAND—COOKTOWN APPROACH—LARK PASS.

Beacons re-erected on Marx and Swinger reefs.

WITH reference to Notice to Mariners No. 11, dated 12th January last, issued by this office, the British Admiralty has given further notice (No. 398 of 1900) that the beacons on Marx reef (*red*) and on Swinger reef (*red and black*) have been re-erected; they have therefore been re-inserted on the Charts in their original positions. (*Notice No. 398 of 1900.*)

Approximate position, Marx reef, lat. 15° 12' S., long. 145° 37' E.

Ditto ditto Swinger reef, lat. 15° 14½' S., long. 145° 32' E.

This Notice affects the following Admiralty Chart:—Hope islands to Turtle group, No. 2923: Also, Australia Directory, vol. II, 1898, page 376.

E. J. BEAUMONT *Comdr., R.I.M.,*
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 188.

[Third Publication.]

CHINA—MIN RIVER.

Rocky point—Beacon erected.

THE British Admiralty has given notice (No. 399 of 1900) that a red spar beacon surmounted by a cage about 13 feet above high water, on which the words "Rocky point" are painted, has been erected about 30 yards from the outer extremity of a ledge of rocks

about half way between Tunui and Tintao, river Min; it is situated with Half Tide beacon bearing N. 72° E., distant 8 cables, and Kaului head S. 25° E. (*Notice No. 599 of 1900.*)

Approximate position, lat. $26^{\circ} 5' 30''$ N., long. $119^{\circ} 31' 30''$ E.

This Notice affects the following Admiralty Chart:—Ricer Min, No. 2400: Also, China Sea Directory, vol. III, 1894, page 285; and Supplement, 1898, relating to that work, page 23.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 189.

[Third Publication.]

AFRICA, SOUTH—CAPE COLONY—SIMONS BAY.

Rambler rock—Particulars and position.

THE British Admiralty has given notice (No. 401 of 1900) of the existence of a rocky patch, named Rambler rock, with a depth of 7 feet over it, situated with Roman rocks lighthouse bearing N. 31° W., distant $2\frac{1}{16}$ cables, and Noah's Ark S. 77° E. (*Notice No. 401 of 1900.*)

Approximate position, lat. $34^{\circ} 11' 0''$ S., long. $18^{\circ} 27' 55''$ E.

(Variation 29° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Table bay to cape Agulhas, No. 2082; cape of Good Hope, &c., No. 636; Simons bay, No. 1849: Also, Africa Pilot, part II, 1893, page 385, part III, 1897, page 73.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 190.

[Third Publication.]

PACIFIC OCEAN—THE PHILIPPINES—LUZON, SOUTH COAST.

Marinduque island—Shoal on west coast.

THE British Admiralty has given notice (No. 410 of 1900) that a shoal of $4\frac{1}{2}$ fathoms is reported to exist where the Charts show a depth of 46 fathoms, northward of the river Buak, Marinduque island.

Approximate position, lat. $13^{\circ} 28' N.$, long. $121^{\circ} 49' E.$

The depth of 46 fathoms has therefore been replaced on the Charts by a shoal of $4\frac{1}{2}$ fathoms. (*Notice No. 410 of 1900.*)

This Notice affects the following Admiralty Charts:—China sea, No. 2661b; Philippine islands, No. 943; St. Bernardino and Mindoro strait, No. 2577: Also, Eastern Archipelago, part I, 1890, page 303.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 191.

[Third Publication.]

PACIFIC OCEAN—THE PHILIPPINES—PANAY.

San José de Buenavista—Coral reef off the south extreme.

THE British Admiralty has given notice (No. 411 of 1900) that a coral reef, 20 yards in diameter and with a depth over it of 17 feet at low water, is reported to exist three-quarters of a mile southward of the south extreme of the point on which San José de Buenavista is situated.

Approximate position, lat. $10^{\circ} 44' N.$, long. $121^{\circ} 54\frac{1}{2}' E.$

There is a depth of 7 fathoms inside, and 9 fathoms outside, the reef. (*Notice No. 411 of 1900.*)

This Notice affects the following Admiralty Chart:—Sulu Sea, No. 2578: Also, Eastern Archipelago, part I, 1890, page 212.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 192.

[Third Publication.]

PACIFIC OCEAN—PHILIPPINE ISLANDS—MAKTAN ISLAND.

Shoal off point Lanis, port Sebu.

THE British Admiralty has given notice (No. 412 of 1900) that a coral shoal of about 20 yards in diameter, and with a depth over it of 11 feet at low water, is reported to exist about a quarter of a mile S.W. of Lanis point, port Sebu. (*Notice No. 412 of 1900.*)

Approximate position, lat. $10^{\circ} 14' 0'' N.$, long. $123^{\circ} 53' 0'' E.$

(*Variation 1° Easterly in 1900.*)

This Notice affects the following Admiralty Chart:—Port Sebu, No. 2391: Also, Eastern Archipelago, part I, 1890, page 258; and Revised Supplement, 1898, page 63, relating to that work.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 193.

[Third Publication.]

PACIFIC OCEAN,—SUMATRA, WEST COAST—BATU ISLANDS.

Particulars of Treba island and Lago islet.

THE British Admiralty has given notice (No. 413 of 1900) that the following islands are reported to exist between Tanah Masa and Pulo Pinie, Batu islands:—

- a. An island, named Treba, on which there are cocoanut palms, to the eastward of Bai, in approximately lat. $0^{\circ} 3' 20'' S.$, long. $98^{\circ} 34' 40'' E.$
- b. A small islet has formed on the reef westward of Lago, in approximately lat. $0^{\circ} 2' 0'' N.$, long. $98^{\circ} 25' 20'' E.$ (*Notice No. 413 of 1900.*)

This Notice affects the following Admiralty Chart:—Acheh head to Tyingkok bay, No. 2760: Also, China Sea Directory, vol. I, 1896, pages 323, 324.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 3rd August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, AUGUST 29, 1900.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 213.

[First Publication.]

INDIA, WEST—BOMBAY COAST.

Victoria and Princes dock—Time signal altered.

THE British Admiralty has given notice (No. 458 of 1900) that the time signal made at the clock tower at Victoria and Princes dock has been altered, and the ball will in future be dropped at 15 hrs. 0 m. 0 s. Greenwich mean time, or 7 hrs. 51 m. 15.7 s. A.M. local mean time; in case of failure a flag will be immediately hoisted and the ball be dropped at 16 hrs. 0 m. 0 s. G.M.T. or 8 hrs. 51 m. 15.7 s. A.M. local mean time.

The ball at Bombay Castle will continue to be dropped as usual at 1 P.M. local mean time.

Approximate position of the time signal station clock tower lat. $18^{\circ} 57' 13''$ N., long. $72^{\circ} 50' 46''$ E. (Notice No. 458 of 1900.)

This Notice affects the following Admiralty Chart:—Port of Bombay, No. 655: Also, List of Time Signals, 1898, page 17; and West Coast of Hindustan Pilot, 1898, page 206.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th August 1900.

C. B. BAXLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT

NOTICE TO MARINERS—No. 214.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

Shortt's island lighthouse.

OWING to the sudden erosion of Shortt's island, endangering the structure of the lighthouse, this light will not be exhibited on and after the 31st August, when the lighthouse will be dismantled.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th August 1900.

C. B. BAXLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 203.

[Second Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafully river—Depth of water found in the channels.

THE Port Officer, Chittagong, has given notice that the following depths of water were found in the river channels by soundings taken on the 11th August, and reduced to zero:—

Ft. IN.

Track No. 1—Outer bar—

| | | | | | |
|--|-----|-----|-----|-----|------|
| Disc in the centre between diamond and mast with white and black casks | ... | ... | ... | ... | 11 0 |
| Disc on mast with white and black casks | ... | ... | ... | ... | 8 0 |

Track No. 2—Inner bar—

| | | | | | |
|--|-----|-----|-----|-----|------|
| Disc on diamond | ... | ... | ... | ... | 10 6 |
| Disc on mast with white and black casks | ... | ... | ... | ... | 10 0 |
| Disc in the centre between diamond and mast with white and black casks | ... | ... | ... | ... | 9 9 |

Track No. 3—

| | | | | | |
|-------------------------------|-----|-----|-----|-----|------|
| Tripod on with cross and ball | ... | ... | ... | ... | 18 0 |
|-------------------------------|-----|-----|-----|-----|------|

Track No. 4—

| | | | | | |
|--|-----|-----|-----|-----|------|
| Triangle on with mast with white and black casks | ... | ... | ... | ... | 22 0 |
|--|-----|-----|-----|-----|------|

Track No. 5—Guptakhali crossing—

| | | | | | |
|-------------------|-----|-----|-----|-----|------|
| Tripod on diamond | ... | ... | ... | ... | 20 0 |
| Centre | ... | ... | ... | ... | 18 0 |

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 18th August 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 204.

[Second Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Singkel approach—Reefs.

THE British Admiralty has given notice (No. 441 of 1900) of the existence of the following coral reefs to the southward of Singkel:—

A reef, about 400 yards in diameter, with a least depth of 2 fathoms over it, in approximately lat $2^{\circ} 8' 5''$ N., long. $97^{\circ} 55' 5''$ E.

About half a mile westward of the above is another reef about 400 yards long, N.N.W. S.S.E., with a least depth of 2 fathoms over it. (Notice No. 441 of 1900.)

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Chart:—Acheh head to Tyngkok bay, No. 2760; Also, China Sea Directory, vol. I, 1896, page 283.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 18th August 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 205.

[Second Publication.]

AFRICA, EAST COAST—DELAGOA BAY.

Reported magnetic disturbance.

THE following Notice to Mariners (No. 442 of 1900) is republished:—

Recent observations point to a considerable local magnetic disturbance in different parts of Delagoa bay, the variation at Lorenzo Marques and in English river for the year 1900 being about $23^{\circ} 15'$ W., while at Timpson point, Shefina island, it is $20^{\circ} 55'$, and at Gibbon point, Elephant island, about 20° only.

Observations by swinging at sea off this place also point to the probability of the variation off this part of the coast being less than that given on Variation Chart by about $1\frac{1}{2}^{\circ}$, but sufficient data has not yet been received to enable the Chart to be corrected. (Notice No. 442 of 1900.)

This Notice affects the following Admiralty Charts:—Delagoa bay, No. 644; port Melville, No. 645: Also, Africa Pilot, part III, 1897, pages 156-189.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 206.

[Second Publication.]

JAPAN—KIUSIU, WEST COAST.

Sumo Nada—Reefs.

THE British Admiralty has given notice (No. 446 of 1900) of the existence of the undermentioned reefs off Ike sima and Matsu sima, Sumo Nada:—

1. Mayezons, a rock with a least depth over it of $3\frac{1}{2}$ fathoms, is situated with the north point of Ike-sima bearing S. 72° E., distant $5\frac{1}{2}$ cables, and the west point of the same island S. 33° W.

Approximate position, lat. $33^{\circ} 53' 20''$ N., long. $129^{\circ} 35' 30''$ E.

This rock is steep to.

2. Fukazone, a rock with a least depth of $2\frac{1}{2}$ fathoms over it, situated with the westernmost of the two south points of Matsu sima bearing N. 75° E., distant $2\frac{1}{2}$ cables, and west extreme of the same island N. 32° W. This rock is steep to outside, and extends about half a cable in a north and south direction.

(Notice No. 446 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—Nagasaki to Karatsu, No. 359: Also, China Sea Directory, vol. IV, 1894, page 500; and Supplement, 1898, relating to that work, page 72.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 207.

[Second Publication.]

PACIFIC OCEAN—TONGA ISLAND.

Falcon shoal showing above water.

WITH reference to Notice to Mariners No. 209, dated the 27th September 1898, issued by this Office, the British Admiralty has given further notice (No. 447 of 1900) that further information, dated 16th April 1900, has been received from Commander A. H. D. Ravenhill, H. M. S. Porpoise, that the shoal to which Falcon island has been reduced is now showing above water at its northern end. (Notice No. 447 of 1900.)

Approximate position, lat. $20^{\circ} 18' 40''$ S., long. $175^{\circ} 25' 0''$ W.

This Notice affects the following Admiralty Charts:—Fiji to Samoa islands, No. 1829; Tonga or Friendly islands, No. 2421; Anchorages in Tonga islands, No. 1385: Also, Pacific islands, vol. II, 1891, page 40.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 208.

[Second Publication.]

JAPAN—KIUSIU.

Hirado no seto—Rocks in southern approach.

THE British Admiralty has given notice (No. 448 of 1900) of the existence of the undermentioned rocks in the southern approach to Hirado no seto:—

1. Zingorosone, a rock with a depth over it of $4\frac{1}{2}$ fathoms, situated with Ukise bearing S. 54° W., distant 7 cables.
Approximate position, lat. $33^{\circ} 9' 10''$ N., long. $129^{\circ} 37' 45''$ E.
2. Bakuchinookinoishi, a rock with a depth of $3\frac{1}{2}$ fathoms over it, situated with 517-foot hill bearing N. 21° E., distant about $1\frac{3}{10}$ miles.
Approximate position, lat. $33^{\circ} 12' 5''$ N., long. $129^{\circ} 33' 55''$ E.
3. Nojimanookinoishi, a rock with a depth of $3\frac{1}{2}$ fathoms over it, situated with 517-foot hill bearing N. 46° E., distant $1\frac{3}{10}$ miles.

Approximate position, lat. $33^{\circ} 12' 25''$ N., long. $129^{\circ} 33' 30''$ E. (Notice No. 448 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Nagasaki to Karatsu, No. 359; Matsu sima to Atsusi no osima, No. 140; Also, China Sea Directory, vol. IV, 1894, page 515; and Supplement, 1898, relating to that work, page 27.

E. J. BEAUMONT, Comdr., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 18th August 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 209.

[Second Publication.]

PACIFIC OCEAN—LUZON, NORTH COAST.

Dedikas rocks—Volcanic disturbance.

THE British Admiralty has given notice (No. 449 of 1900) that the Master of the S.S. *Leelanaw* reports that on 1st April 1900, on passing at a distance of about 3 miles, large clouds of steam were seen issuing from the Dedikas rocks. (Notice No. 449 of 1900.)

Approximate position, Dedikas rocks, lat. $19^{\circ} 3'$ N., long. $122^{\circ} 9'$ E.

This Notice affects the following Admiralty Chart:—Luzon island, No. 2454; Also, China Sea Directory, vol. III, 1894, page 227.

E. J. BEAUMONT, Comdr., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 18th August 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 210.

[Second Publication.]

JAPAN, INLAND SEA—IYO NADA.

Kamoji rock—Particulars and position.

THE British Admiralty has given notice (No. 450 of 1900) that an isolated reef, named Kamoji, with a depth of 4 fathoms over it at low-water springs, is reported to exist in Iyo nada, with Katayama sima summit bearing N. 16° W., distant about $2\frac{7}{10}$ miles, and O Ishi summit N. 75° E.

Approximate position, lat. $33^{\circ} 52' 50''$ N., long. $132^{\circ} 28' 30''$ E.

This rock has depths of from 20 to 30 fathoms around it. (Notice No. 450 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Seto uchi or Inland sea, No. 2875; Misima Nada and Iyo Nada, No. 83; Also, China Sea Directory, vol. IV, 1894, page 423.

E. J. BEAUMONT, Comdr., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 18th August 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 211.

[Second Publication.]

JAPAN—KIUSIU, WEST COAST.

Miye no ura—Rocks in approach.

THE British Admiralty has given notice (No. 453 of 1900) of the existence of the undermentioned rocks in the approach to Miye no ura:—

1. Orise, a rock with a depth over it of one fathom, is situated with No oze (outer rock) bearing S. 78° E., distant 8 cables, and 1090-foot hill (northward of Miye mura) N. 34° E.

Approximate position, lat. 32° 48' 30" N., long. 129° 42' 50" E.

2. Ogame, a rock with a depth of 3½ fathoms over it, situated with No oze bearing S. 80° W., distant 10 cables, and 1090-foot hill N. 16° W. (Notice No. 453 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—Nagasaki to Karatsu, No. 359: Also, China Sea Directory, vol. IV, 1894, page 500; and Supplement, 1898, relating to that work, page 27.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 212.

[Second Publication.]

NEW ZEALAND—PORT NICHOLSON.

Somes island light—Position and sectors.

WITH reference to Notice to Mariners No. 83, dated 31st March 1900, issued by this office, the British Admiralty has given further notice (No. 455 of 1900) that the new light on Somes island is in the same position as the old one, or about 2 cables S. 6° W. from the Quarantine station; it is elevated 95 feet above the sea, and visible, in clear weather, from a distance of 16 miles, showing *white* from the bearing N. 6° W. to N. 3° W., *red* from N. 3° W., through north, to N. 15° E., *white* from N. 15° E., through east, to S. 88° E., obscured from S. 88° E., through south and west, to N. 77° W., *white* from N. 77° W. to N. 24° W., and *green* from N. 24° W. to N. 6° W. (Notice No. 455 of 1900.)

Approximate position, lat. 41° 15½' S., long. 174° 52' E.

(Variation 15° Easterly in 1900.)

This Notice affects the following Admiralty Chart:—Port Nicholson, No. 1423: Also, List of Lights, part VI, 1900, No. 1426; and New Zealand Pilot, 1891, page 171.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 194.

[Third Publication.]

JAPAN—KIUSIU.

Nagasaki harbour—Rocks in approaches.

THE British Admiralty has given notice (No. 417 of 1900) of the existence of the undermentioned rocks in the approaches to Nagasaki harbour:—

1. Okinokarakasane, a rock with a least depth over it of 4½ fathoms, is situated with the south-east point of Takabokojima (in line with Io sima lighthouse) bearing No. 87° W., distant nine-tenths of a cable, and the islet off the south-west point of Nezumi sima N. 21° E.

Approximate position, lat. 32° 43' 5" N., long. 129° 49' 45" E.

This rock is 4 to 5 yards in extent and steep to.

2. Osone, a rock with a least depth of 4 fathoms over it, situated with Naginata saki lighthouse bearing S. 76° W., distant $7\frac{1}{5}$ cables, and east extreme of Nezumi sima N. 18° W. This rock has depths of 4 to 7 fathoms over it, and lies in a S.S.W. and N.N.E. direction.
3. Kawarasone, a rock with a least depth of $6\frac{1}{2}$ fathoms over it, situated with Chosuse (eastern rock) bearing S. 42° E., distant $2\frac{2}{5}$ cables, and Uomi yama N. 63° E. This is a pinnacle rock with two heads and is steep to.
4. Okinosone, a rock with a least depth of 8 fathoms over it, situated with Tsuwabara zaki bearing S. 87° W., distant $4\frac{1}{2}$ cables, and Imori yama S. 10° E.
5. A small pinnacle rock with a depth of half a fathom over it, from which Goroye sima (the correct name of which is Tonosama yama jima) bears N. 59° E., distant half a cable, and Imori yama S. 58° E. There is a depth of 4 fathoms immediately outside this rock.

The name Goroye sima, shown on the present Chart, should be transferred to the islet situated $1\frac{1}{2}$ cables to the southward of it.

6. Tono dashi is a small rock with a least depth of $1\frac{1}{2}$ fathoms over it, situated with Imori yama bearing N. 45° E., distant $2\frac{7}{10}$ cables, and Kajikake rock beacon N. 67° W. (*Notice No. 417 of 1900.*)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Nagasaki harbour, Nos. 2415, 2815: Also, China Sea Directory, vol. IV, 1894, pages 500, 502; and Supplement, 1898, relating to that work, page 27.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 195.

[Third Publication.]

AFRICA, EAST COAST—PUNGUE RIVER ENTRANCE.

Buoy—Shoal.

With reference to Notice to Mariners No. 127, dated 19th May last, issued by this office, the British Admiralty has given further notice (No. 419 of 1900) that the following information, dated 31st May 1900, respecting a new buoy and shoal in Pungue river entrance, has been received from Commander W. F. Tunnard, H.M.S. *Barossa*:—

- (a) A black buoy, surmounted by staff and globe, has been moored about $2\frac{1}{2}$ miles N. 88° W. of the fairway or outer buoy (conical, with staff and globe No. 2), to mark the southern edge of the 17-foot shoal.

Approximate position, lat. $19^{\circ} 56' 35''$ S., long $34^{\circ} 56' 35''$ E.

- (b) A shoal, with a depth of 13 feet over it, is reported to exist at a distance of about 6 cables S. 74° W. from the above buoy, and with point Jea bearing N. 22° W., distant $7\frac{1}{10}$ miles.

CAUTION.—As the banks and buoys are subject to change and alteration, local knowledge is absolutely necessary before attempting to enter. (*Notice No. 419 of 1900.*)

(Variation 18° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—River Pungue, No. 1003: Also, Africa Pilot, part III, 1897, page 221.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 196.

[Third Publication.]

JAPAN—SHIKOKU ISLAND.

Urado harbour light altered.

THE British Admiralty has given notice (No. 420 of 1900) that on 30th May 1900, a *white fixed* light of 140 candle power was exhibited on Riuzusaki, Urado (Urato) harbour.

Riuzusaki light is elevated 133 feet above high water, and visible, in clear weather, from a distance of 8 miles, from the bearing of N. 67° E., through north and west, to S. 10° E.; it is shown from a brick octagonal tower, 20 feet high, painted white, erected on the same spot as the former light, which has been discontinued. (*Notice No. 420 of 1900.*)

Approximate position, lat. 33° 29½' N., long. 133° 3½' E.

(*Variation 4° Westerly in 1900.*)

This Notice affects the following Admiralty Charts:—Van Diemen strait to Cosima, No. 1648; Seto uchi, No. 2875; Also, List of Lights, part VI, 1900, No. 887; and China Sea Directory, vol. IV, page 255.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 197.

[Third Publication.]

PACIFIC OCEAN—SAMOA GROUP—SAVIA ISLAND.

Matautu harbour—Bank in approach.

THE British Admiralty has given notice (No. 424 of 1900) that information has been received from Commander H. Freedy, H.M.S. *Torch*, that, on entering Matautu harbour, his vessel passed over a bank of small extent, on which a depth of 7 fathoms was obtained, with the church bearing S. 22° E., distant about 2 miles. (*Notice No. 424 of 1900.*)

Approximate position, lat. 13° 25' S., long. 172° 21½' W.

(*Variation 9° Easterly in 1900.*)

This Notice affects the following Admiralty Chart:—Samoa islands, No. 1730; Also, Pacific Islands, vol. II, 1891, page 79.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 198.

[Third Publication.]

CHINA SEA—TONG KING GULF—HAIFONG APPROACHES.

Banes d'Anam—Light exhibited.

THE British Admiralty has given notice (No. 427 of 1900) that a *white fixed* dioptric light of the 6th order is exhibited on the rocky shoals, called Banes d'Anam, on the east bank of Kua nam Trieu, in the approaches to Haifong.

Banes d'Anam light elevated 31 feet above high water, and visible from the bearing of N. 18° W., through north and east, to S. 42° W., is exhibited from two poles over an iron shed surmounting an iron pile structure, painted black, erected on the western edge of the shoals, in approximately lat. 20° 55' 5" N., long. 106° 45' 35" E. (*Notice No. 427 of 1900.*)

(*Variation 2° Easterly in 1900.*)

This Notice affects the following Admiralty Charts:—Kua Lasht to Kao Tao shan islands, No. 1965; Approaches to Haifong, No. 775; Also, List of Lights, part VI, 1900, page 110; and China Sea Directory, vol. II, 1892, page 441.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 193.

[Third Publication.]

AUSTRALIA, SOUTH COAST—PORT ALBERT ENTRANCE.

Alterations in channel, buoyage, &c.

WITH reference to Notice to Mariners No. 178 of 1899, the British Admiralty has given further notice (No. 431 of 1900) that Clonmel island has disappeared, and further alterations have taken and are taking place, specially during easterly winds, in the entrance to port Albert; frequent changes in the buoys are therefore necessary.

The outer entrance to the channel is at present marked by a fairway buoy, and the channel by red buoys on the starboard, and black buoys on the port side entering, which should be passed close to. (Notice No. 431 of 1900.)

Approximate position, Clonmel island, lat. $38^{\circ} 45' S.$, long. $146^{\circ} 40\frac{1}{2}' E.$

This Notice affects the following Admiralty Chart:—Wilson promontory, No. 1703: Also, Australia Directory, vol. I, 1897, page 531.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 11th August 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 200.

[Third Publication.]

AUSTRALIA—SOUTH CHANNEL, PORT CURTIS.

New tower and alteration of Gatcombe head lighthouse, and establishment of leading lights.

THE Port Master, Brisbane, has given notice (No. 11 of 1900) that it is intended to erect a new tower at Gatcombe Head about 450 feet North by East of the present tower. The tower will be 38 feet high, circular in shape, and painted white with a red dome. The light will be at an elevation of 122 feet above high water, and will be visible for 13 miles from a ship's deck in clear weather.

The red sector seawards will be discontinued. The light will be white between the bearings $S. 29^{\circ} W.$ and $N. 70^{\circ} W.$, also between $N. 45^{\circ} W.$ and $N. 21^{\circ} E.$; red between $N. 21^{\circ} E.$ and $N. 43^{\circ} E.$; to the northward of the latter bearing it will be white until obscured by the land, and between the bearings of $N. 70^{\circ} W.$ and $N. 45^{\circ} W.$ it will also be obscured.

LEADING LIGHTS, SOUTH CHANNEL.

Near the mouth of the Boyne River two leading lights will be shown, the front light from a skeleton tower 30 feet high, having a total elevation of 66 feet above high water, and the back light from a small square building situated on a hill at the back, at a total elevation of 121 feet above high water. Both structures are painted white, and the distance between them is 5,750 feet. The lights on these structures will be 4th order holophotes, and will be visible 12 and $14\frac{1}{2}$ miles, respectively. These lights, forming the first lead, bear when in line $S. 75^{\circ} W.$

The second line of leading lights is placed on the slope of the hill on the west side of Gatcombe Head. The front light is in a small house at an elevation of 32 feet above high water, and the back light on a skeleton tower 30 feet high, the total elevation of the light being 66 feet above high water.

It is anticipated that the lights for the South Channel will be ready for exhibition in August. Instructions for using the lights and further notice will be issued before they are exhibited.

Chart affected, 1900; Australia Directory, vol 2.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 11th August 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 201.

[Third Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

Pipon islands—New lighthouse and removal of Channel Rock lightship.

THE Port Master, Brisbane, has given notice (No. 12 of 1900) that it is intended to erect a skeleton iron tower on the South Islet of the Pipon Island Group carrying a lantern with

4th order dioptric light. The tower will be 60 feet high and the focal plain 55 feet above high water. The skeleton structure will be painted red, and the lantern white with a red dome. The light will be visible through an arc of 160 degrees, white between bearings of N. 72° W. (through South) to N. 53° E., red between N. 53° E. and N. 76° E., and white between N. 76° E. and N. 88° E., and will be intensified over an arc of 11 degrees through the Barrow Strait. The light will be visible 13 miles in clear weather.

It is expected that the light will be ready for exhibition about the 15th November 1900, when the lightship will be removed, further notice of which will be given.

Chart affected, 2922; Australia Directory, vol. 2.

E. J. BEAUMONT, *Comdr., R.I.M.,*
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 11th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 262.

[Third Publication.]

PERSIAN GULF—BUSRAH BAR.

A new Busrah bar buoy laid.

IN continuation of Notice to Mariners No. 174, dated the 14th July last, issued by this office, the Acting British Vice-Consul at Bushire has given further notice that the Commander of the S.S. *Kilwa* reports that he has laid down a new Busrah bar buoy in lat. 29° 49' N. and long. 48° 45' E. in 12 feet low water springs with No. 2 (large cask) buoy bearing N. 46° W. magnetic, distance 5 miles.

E. J. BEAUMONT, *Comdr., R.I.M.,*
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 13th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, SEPTEMBER 5, 1900.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 215.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

Shortt's island lighthouse.

IN continuation of Notice to Mariners No. 214, dated the 27th August, issued by this office, a telegraphic communication has been received from the Port Officer, Chandbali, stating that Dioptric masthead lights will be exhibited from Shortt's island flagstaff from 31st August, visible about five miles, pending other arrangements.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 216.

[First Publication.]

NEW ZEALAND—NORTH ISLAND.

Exhibition of light on East island, near East Cape.

WITH reference to Notices to Mariners No. 239, dated 12th November 1898, and No. 13, dated 20th January 1900, the Government of New Zealand has given further notice (No. 36 of 1900) that on and after Thursday, the 9th August 1900, a light will be exhibited from sunset to sunrise from the lighthouse which has been erected on East Island, near East Cape, on the east coast of the North Island of New Zealand. The position and characteristics are as follows:—

The site of the light is in latitude $37^{\circ} 4'$ south, and longitude $178^{\circ} 36'$ east, as measured from the Admiralty chart.

The tower is constructed of cast iron. The total height from the bottom of the base to the top of the lantern is 69 ft., and it is painted white.

The light will be 362 ft. above the level of the sea at high water. It is a dioptric revolving white light of the second order, showing a white flash at intervals of ten seconds. It will be visible seaward over an arc of 280 degrees of the horizon, or as far round as the land will allow, and in ordinary clear weather it will be seen twenty-two nautical miles from the deck of a vessel 15 ft. above sea-level.

Charts affected: No. 2527, sheet iii, N. Z.; "New Zealand Pilot," chapter iii, pages 147 and 148.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 217.

[First Publication.]

JAPAN—KIUSIU, EAST COAST.

Saiki bay—Rocks in northern approach.

THE British Admiralty has given notice (No. 471 of 1900) of the existence of the undermentioned rocks in the northern approaches to Saiki bay :—

- (1) Tatenokawaranookinose, a rock with a least depth over it of 4 fathoms, is situated with Mura haye bearing S. 72° E., distant $9\frac{1}{10}$ cables, and the east extreme of Hiko shima S. 30° W.

Approximate position, lat. 33° 1' 30" N., long. 131° 54' 50" E.

This rock is connected by a ledge to the point south-eastward of Hirihosi.

- (2) A rock with a depth of 1 fathom over it, situated with North Kando shima bearing No. 78° E., distant half a cable, and east extreme of Hiko shima S. 38° W. This rock is connected by a reef with North Kando shima.
- (3) A rock with a depth of 3 fathoms over it, situated with South Kando shima bearing S. 50° W., distant one-third of a cable, and Mura haye S. 83° E. This rock is connected by a reef with South Kando shima.
- (4) Sukanose, a rock with a depth of 6 fathoms over it, situated with Mitsu bosi (northern rock) bearing S. 30° E., distant 1 cable, and Mura haye S. 84° E. This rock is connected by a reef with South Kando shima. (Notice No. 471 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart :—Saiki bay, No. 2985 : Also, China Sea Directory, vol. IV, 1894, page 244 ; and Supplement, 1898, relating to that work, page 14.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 218.

[First Publication.]

JAPAN—HONSHU, SOUTH COAST.

Simoda harbour—Rocks in approach.

THE British Admiralty has given notice (No. 473 of 1900) of the existence of the undermentioned rocks in the approach to Simoda harbour :—

- (1) A rock with a depth over it of $4\frac{1}{2}$ fathoms, situated with Saku ne bearing S. 48° E., distant 1 cable, and west extreme of Ishitori ne S. 22° W.
- (2) A rock with a depth of $4\frac{1}{2}$ fathoms over it, situated with Saku ne bearing S. 31° E., distant $1\frac{3}{4}$ cables, and west extreme of Ishitori ne S. 18° W.
- (3) A rock with a depth of $3\frac{3}{4}$ fathoms over it, situated with Saku ne bearing S. 4° E., distant $1\frac{7}{10}$ cables, and Tarai sa zaki N. 77° W.
- (4) A rock with a depth of 4 fathoms over it, situated with Saku ne bearing S. 4° E., distant $2\frac{1}{10}$ cables, and Tarai sa zaki N. 79° W.
- (5) A rock with a depth of $3\frac{1}{2}$ fathoms over it, from which Saku ne bears S. 23° E., distant $5\frac{2}{10}$ cables, and Tarai sa zaki N. 82° W.
- (6) A rock named Goto ne, with a depth of $1\frac{3}{4}$ fathoms over it, situated with Saku ne bearing S. 2° E., distant $5\frac{1}{4}$ cables, and Tarai sa zaki S. 80° E.
- (7) A rock named Shira ne with a depth of $1\frac{3}{4}$ fathoms over it, situated with Saku ne bearing S. 43° E., distant $5\frac{8}{10}$ cables, and Toyo ne S. 13° W.

Approximate position, Suku ne, lat. 34° 37' 15" N., long. 138° 55' 0" W.

The correct name for Mechan ne is Myochan ne. (Notice No. 473 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart :—Simoda harbour, No. 2055 : Also, China Sea Directory, vol. IV, 1894, page 293.

W. B. HUDDLESTON, Lieut., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 219.

[First Publication.]

AUSTRALIA—QUEENSLAND.

Moreton bay—Yellow patch light, sector altered, No. 5 buoy moved.

THE British Admiralty has given notice (No. 476 of 1900) that the following alterations have been made in the lighting and buoyage of Moreton bay:—

- a. Yellow patch light. The southern sector of this light now shows *white* from the bearing of S. 67° E. to S. 83° E.

Approximate position, lat. 27° 2' S., long. 153° 28' E.

- b. North-west channel, No. 5 buoy (black, with topmark) has been moved 2 cables S. 56° W. of its former position, to mark a patch with a depth of 17½ feet over it. (Notice No. 476 of 1900.)

Approximate position on Chart No. 1670a, lat. 26° 57' 35" S., long. 153° 13' 0" E.

(Variation 9° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—Danger point to cape Moreton, No. 1029; Moreton bay, No. 1670a; Also, List of Lights, part VI, 1900, No. 1218; and Australia Directory, vol. II, 1898, pages 125, 127.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 213.

[Second Publication.]

INDIA, WEST—BOMBAY COAST.

Victoria and Princes dock—Time signal altered.

THE British Admiralty has given notice (No. 458 of 1900) that the time signal made at the clock tower at Victoria and Princes dock has been altered, and the ball will in future be dropped at 15 hrs. 0 m. 0 s. Greenwich mean time, or 7 hrs. 51 m. 15.7 s. A.M. local mean time; in case of failure a flag will be immediately hoisted and the ball be dropped at 16 hrs. 0 m. 0 s. G.M.T. or 8 hrs. 51 m. 15.7 s. A.M. local mean time.

The ball at Bombay Castle will continue to be dropped as usual at 1 P.M. local mean time.

Approximate position of the time signal station clock tower lat. 18° 57' 13" N., long. 72° 50' 46" E. (Notice No. 458 of 1900.)

This Notice affects the following Admiralty Chart:—Port of Bombay, No. 655; Also, List of Time Signals, 1898, page 17; and West Coast of Hindustan Pilot, 1898, page 206.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 214.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

Shortt's island lighthouse.

OWING to the sudden erosion of Shortt's island, endangering the structure of the lighthouse, this light will not be exhibited on and after the 31st August, when the lighthouse will be dismantled.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 203.

[Third Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafully river—Depth of water found in the channels.

THE Port Officer, Chittagong, has given notice that the following depths of water were found in the river channels by soundings taken on the 11th August, and reduced to zero:—

Ft. in.

Track No. 1—Outer bar—

| | | | | | | | |
|--|-----|-----|-----|-----|-----|----|---|
| Disc in the centre between diamond and mast with white and black casks | ... | ... | ... | ... | ... | 11 | 0 |
| Disc on mast with white and black casks | ... | ... | ... | ... | ... | 8 | 0 |

Track No. 2—Inner bar—

| | | | | | | | |
|--|-----|-----|-----|-----|-----|----|---|
| Disc on diamond | ... | ... | ... | ... | ... | 10 | 6 |
| Disc on mast with white and black casks | ... | ... | ... | ... | ... | 10 | 0 |
| Disc in the centre between diamond and mast with white and black casks | ... | ... | ... | ... | ... | 9 | 9 |

Track No. 3—

| | | | | | | | |
|-------------------------------|-----|-----|-----|-----|-----|----|---|
| Tripod on with cross and ball | ... | ... | ... | ... | ... | 18 | 0 |
|-------------------------------|-----|-----|-----|-----|-----|----|---|

Track No. 4—

| | | | | | | | |
|--|-----|-----|-----|-----|-----|----|---|
| Triangle on with mast with white and black casks | ... | ... | ... | ... | ... | 22 | 0 |
|--|-----|-----|-----|-----|-----|----|---|

Track No. 5—Guptakhali crossing—

| | | | | | | | |
|-------------------|-----|-----|-----|-----|-----|----|---|
| Tripod on diamond | ... | ... | ... | ... | ... | 20 | 0 |
| Centre | ... | ... | ... | ... | ... | 18 | 0 |

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 204.

[Third Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Singkel approach—Reefs.

THE British Admiralty has given notice (No. 441 of 1900) of the existence of the following coral reefs to the southward of Singkel:—

A reef, about 400 yards in diameter, with a least depth of 2 fathoms over it, in approximately lat. $2^{\circ} 8' 5''$ N., long. $97^{\circ} 55' 5''$ E.

About half a mile westward of the above is another reef about 400 yards long, N.N.W. S.S.E., with a least depth of 2 fathoms over it. (Notice No. 441 of 1900.)

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Chart:—Acheh head to Tyingkok bay, No. 2760: Also, China Sea Directory, vol. I, 1896, page 283.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 205.

[Third Publication.]

AFRICA, EAST COAST—DELAGOA BAY.

Reported magnetic disturbance.

THE following Notice to Mariners (No. 442 of 1900) is republished:—

Recent observations point to a considerable local magnetic disturbance in different parts of Delagoa bay, the variation at Lorenzo Marques and in English river for the year 1900 being about $23^{\circ} 15'$ W., while at Timpson point, Shefina island, it is $20^{\circ} 55'$, and at Gibbon point, Elephant island, about 20° only.

Observations by swinging at sea off this place also point to the probability of the variation off this part of the coast being less than that given on Variation Chart by about $1\frac{1}{2}^{\circ}$, but sufficient data has not yet been received to enable the Chart to be corrected. (*Notice No. 443 of 1900.*)

This Notice affects the following Admiralty Charts:—Delagoa bay, No. 644; port Melville, No. 645; Also, Africa Pilot, part III, 1897, pages 156-189.

E. J. BEAUMONT, Comdr., R.N.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 206.

[Third Publication.]

JAPAN—KIUSIU, WEST COAST.

Sumo Nada—Reefs.

THE British Admiralty has given notice (*No. 446 of 1900*) of the existence of the undermentioned reefs off Ike sima and Matsu sima, Sumo Nada:—

1. Mayezone, a rock with a least depth over it of $3\frac{1}{2}$ fathoms, is situated with the north point of Ike sima bearing $S. 72^{\circ} E.$, distant $5\frac{1}{2}$ cables, and the west point of the same island $S. 33^{\circ} W.$

Approximate position, lat. $33^{\circ} 53' 20'' N.$, long. $129^{\circ} 35' 30'' E.$

This rock is steep to.

2. Fukazone, a rock with a least depth of $2\frac{1}{2}$ fathoms over it, situated with the westernmost of the two south points of Matsu sima bearing $N. 75^{\circ} E.$, distant $2\frac{1}{2}$ cables, and west extreme of the same island $N. 32^{\circ} W.$ This rock is steep to outside, and extends about half a cable in a north and south direction. (*Notice No. 446 of 1900.*)

(*Variation 4° Westerly in 1900.*)

This Notice affects the following Admiralty Chart:—Nagasaki to Karatsu, No. 359; Also, China Sea Directory, vol. IV, 1894, page 500; and Supplement, 1898, relating to that work, page 72.

E. J. BEAUMONT, Comdr., R.N.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 207.

[Third Publication.]

PACIFIC OCEAN—TONGA ISLAND.

Falcon shoal showing above water.

WITH reference to Notice to Mariners No. 209, dated the 27th September 1898, issued by this Office, the British Admiralty has given further notice (*No. 447 of 1900*) that further information, dated 16th April 1900, has been received from Commander A. H. D. Ravenhill, H. M. S. *Porpoise*, that the shoal to which Falcon island has been reduced is now showing above water at its northern end. (*Notice No. 447 of 1900.*)

Approximate position, lat. $20^{\circ} 18' 40'' S.$, long. $175^{\circ} 25' 0'' W.$

This Notice affects the following Admiralty Charts:—Fiji to Samoa islands, No. 1829; Tonga or Friendly islands, No. 2421; Anchorages in Tonga islands, No. 1385; Also, Pacific islands, vol. II, 1891, page 40.

E. J. BEAUMONT, Comdr., R.N.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 208.

[Third Publication.]

JAPAN—KITSU.

Hirado no seto—Rocks in southern approach.

THE British Admiralty has given notice (No. 448 of 1900) of the existence of the undermentioned rocks in the southern approach to Hirado no seto:—

1. Zingorosone, a rock with a depth over it of $4\frac{1}{2}$ fathoms, situated with Ukise bearing S. 54° W., distant 7 cables.

Approximate position, lat. $33^{\circ} 9' 10''$ N., long. $129^{\circ} 37' 45''$ E.

2. Bakuchinookinoishi, a rock with a depth of $3\frac{1}{2}$ fathoms over it, situated with 517-foot hill bearing N. 21° E., distant about $1\frac{1}{10}$ miles.

Approximate position, lat. $33^{\circ} 12' 5''$ N., long. $129^{\circ} 33' 55''$ E.

3. Nojimanookinoishi, a rock with a depth of $3\frac{1}{2}$ fathoms over it, situated with 517-foot hill bearing N. 46° E., distant $1\frac{1}{10}$ miles.

Approximate position, lat. $33^{\circ} 12' 25''$ N., long. $129^{\circ} 33' 30''$ E. (Notice No. 448 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Nagasaki to Karatsu, No. 359; Matsushima to Aomori no osima, No. 140; Also, China Sea Directory, vol. IV, 1894, page 515, and Supplement, 1898, relating to that work, page 27.

E. J. BEAUMONT, Comdr., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 18th August 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 209.

[Third Publication.]

PACIFIC OCEAN—LUZON, NORTH COAST.

Dedikas rocks—Volcanic disturbance.

THE British Admiralty has given notice (No. 449 of 1900) that the Master of the S.S. *Lectanaw* reports that on 1st April 1900, on passing at a distance of about 3 miles, large clouds of steam were seen issuing from the Dedikas rocks. (Notice No. 449 of 1900.)

Approximate position, Dedikas rocks, lat. $19^{\circ} 3' \text{ N.}$, long. $122^{\circ} 9' \text{ E.}$

This Notice affects the following Admiralty Chart:—Luzon island, No. 2454; Also, China Sea Directory, vol. III, 1894, page 227.

E. J. BEAUMONT, Comdr., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 18th August 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 210.

[Third Publication.]

JAPAN, INLAND SEA—IYO NADA.

Kamoji rock—Particulars and position.

THE British Admiralty has given notice (No. 450 of 1900) that an isolated reef, named Kamoji, with a depth of $\frac{1}{2}$ fathoms over it at low-water springs, is reported to exist in Iyo nada, with Katayama sima summit bearing N. 16° W., distant about $2\frac{1}{10}$ miles, and O Ishi summit N. 75° E.

Approximate position, lat. $33^{\circ} 52' 50''$ N., long. $132^{\circ} 28' 30''$ E.

This rock has depths of from 20 to 30 fathoms around it. (Notice No. 450 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Seto uchi or Inland sea, No. 2875; Misima Nada and Iyo Nada, No. 83; Also, China Sea Directory, vol. IV, 1894, page 423.

E. J. BEAUMONT, Comdr., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 18th August 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 211.

[Third Publication.]

JAPAN—KIUSIU, WEST COAST.

Miye no ura—Rocks in approach.

THE British Admiralty has given notice (No. 453 of 1900) of the existence of the undermentioned rocks in the approach to Miye no ura:—

1. Orise, a rock with a depth over it of one fathom, is situated with No oza (outer rock) bearing S. 78° E., distant 8 cables, and 1090-foot hill (northward of Miye mura) N. 34° E.
Approximate position, lat. 32° 48' 30" N., long. 129° 42' 50" E.
2. Ongame, a rock with a depth of 3½ fathoms over it, situated with No oza bearing S. 80° W., distant 10 cables, and 1090-foot hill N. 16° W. (Notice No. 453 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—Nagasaki to Karatsu, No. 359: Also, China Sea Directory, vol. IV, 1894, page 500; and Supplement, 1898, relating to that work, page 27.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 212.

[Third Publication.]

NEW ZEALAND—PORT NICHOLSON.

Somes island light—Position and sectors.

WITH reference to Notice to Mariners No. 83, dated 31st March 1900, issued by this office, the British Admiralty has given further notice (No. 455 of 1900) that the new light on Somes island is in the same position as the old one, or about 2 cables S. 6° W. from the Quarantine station: it is elevated 95 feet above the sea, and visible, in clear weather, from a distance of 16 miles, showing *white* from the bearing N. 6° W. to N. 3° W., *red* from N. 3° W. through north, to N. 15° E., *white* from N. 15° E. through east, to S. 88° E., obscured from S. 88° E. through south and west, to N. 77° W., *white* from N. 77° W. to N. 24° W., and *green* from N. 24° W. to N. 6° W. (Notice No. 455 of 1900.)

Approximate position, lat. 41° 15½' S., long. 174° 52' E.

(Variation 15° Easterly in 1900.)

This Notice affects the following Admiralty Chart:—Port Nicholson, No. 1423: Also, List of Lights, part VI, 1900, No. 1426; and New Zealand Pilot, 1891, page 171.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, SEPTEMBER 12, 1900.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 220.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

China Buckeer light.

IN continuation of Notice to Mariners No. 123, dated the 12th May 1900, issued by this office, the Port Officer, Rangoon, has given further information, dated 31st August 1900, that the light on China Buckeer will be discontinued on the 15th November 1900, and a light will be exhibited from a light-vessel anchored 2 miles to the south-east (true) of the present China Buckeer light-house.

The light will be group flashing alternate red and white flashes every 45 seconds, each flash being of 5 seconds duration and visible 12 miles.

The light-vessel will be painted red with one mast, at which is hoisted a black cone and the words "China Buckeer" painted on each side.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 221.

[First Publication.]

INDIA, WEST—BOMBAY COAST.

(1) *Miria bay buoy adrift.*

THE following Notices to Mariners (No. 69 of 1900), issued by the Bombay Government, is republished:—

Information, dated 21st August 1900, has been received from the Commissioner of Customs, Salt, Opium and Abkari, that the Miria bay buoy has gone adrift.

Notice of its replacement will be given.

This Notice affects the following Admiralty Chart:—Ratnagiri, Miria and Kalbadavie Boys; also West Coast of Hindustan Pilot, 4th Edition, 1898, page 179.

(2) *Harnai light—Alteration in character.*

Information has been received from the Commissioner of Customs, Salt, Opium and Abkari, dated 21st August 1900, that the occulting red light at Harnai will be shown as a fixed red light until further notice.

This Notice affects the following Admiralty Charts:—Karachi to Vengurla, No. 826; Gulf of Kutch to Viziadurg, No. 2736, and Kundari to Boria Pagoda, No. 738: Also, Light List, Part VI, 1900, page 38, No. 242a.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 222.

[First Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH-WEST COAST.

Pulo Datu—Reef to the southward.

THE British Admiralty has given notice (No. 486 of 1900) of the existence of a reef with a depth over it of less than 16 feet, situated 7 miles southward of pulo Datu, in approximately lat. $0^{\circ} 1' S.$, long. $108^{\circ} 36' E.$ (*Notice No. 486 of 1900.*)

This Notice affects the following Admiralty Charts:—China Sea, No. 2660a; Eastern Archipelago, No. 941a: Also, China Sea Directory, vol. II, 1899, page 46.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 223.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river—Leading lights established southward of Syriam point.

THE British Admiralty has given notice (No. 487 of 1900) that two white fixed leading lights have been established to the southward of Syriam point, on the east bank of Rangoon river; the front light is situated $6\frac{1}{2}$ cables S. $10^{\circ} E.$ from the extreme of Syriam point; the rear light bears S. $71^{\circ} E.$ from the front light.

Approximate position, front light, lat. $16^{\circ} 45' 0'' N.$, long. $96^{\circ} 13' 10'' E.$

The above two lights in line S. $71^{\circ} E.$ lead over the Hastings shoal. (*Notice No. 487 of 1900.*)

(*Variation 1° Easterly in 1900.*)

This Notice affects the following Admiralty Chart:—Rangoon river, No. 833: Also, List of Lights, part VI, 1900, page 60; and Bay of Bengal Pilot, 1892, page 331.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 224.

[First Publication.]

CHINA, EAST COAST—HONG KONG.

Tailong head light—Shown in error in Chart No. 1964.

THE British Admiralty has given notice (No. 483 of 1900) that as Tailong head light appears in error on certain copies of Admiralty Chart, No. 1964, notice is hereby given that the light should be erased from that chart. (*Notice No. 488 of 1900.*)

Approximate position, lat. $22^{\circ} 12' 50''$ N., long. $114^{\circ} 15' 50''$ E.

This Notice affects the following Admiralty Chart:—Mirs bay, No. 1964.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 225.

[First Publication.]

PERSIAN GULF—NABIU FARÚR.

Bank to the southward.

THE British Admiralty has given notice (No. 489 of 1900) of the existence of a bank with a depth over it of 8 fathoms, hard bottom, situated at a distance of $1\frac{1}{4}$ miles, S. 22° W. from Nabiu Farúr.

Approximate position, lat. $26^{\circ} 6'$ N., long. $54^{\circ} 26'$ E.

This bank apparently was not examined; there may therefore be less water over it (*Notice No. 489 of 1900.*)

(*Variation Nil in 1900.*)

This Notice affects the following Admiralty Chart:—Persian gulf, No. 2837a: Also Persian Gulf Pilot, 1898, page 236.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 226.

[First Publication.]

AUSTRALIA—NORTH-WEST AND NORTH COASTS.

Shoals—Examination of and search for—.

THE British Admiralty has given notice (No. 494 of 1900) that information, dated 30th May 1900, has been received from Commander J. W. Combe, H.M. Surveying Vessel *Penguin*, respecting the examination of the undermentioned shoals, and the unsuccessful search for others off the north-west and north coasts of Australia:—

1. MONEY SHOAL is of coral formation, very flat, extending $3\frac{1}{2}$ miles E.N.E. and W.S.W. by $1\frac{1}{2}$ miles wide, with a general depth of 5 to 6 fathoms over it. There are several patches of 18 feet on its eastern edge, the easternmost being in approximately lat. $10^{\circ} 21' 25''$ S., long. $132^{\circ} 45' 50''$ E.

During fresh easterly winds the shoal was seen to break.

2. MARIE SHOAL, composed of sand and coral, is 2 miles long N.N.W. and S.S.E., and 1 mile broad, with a general depth of from 5 to 7 fathoms over it. The least depth is 20 feet, situated about the middle of its western edge, in approximately lat. $10^{\circ} 55' 20''$ S., long. $130^{\circ} 06' 15''$ E.

This shoal is surrounded by depths of 25 and 35 fathoms.

3. BROWSE ISLET. The position of this islet (centre) is approximately in lat. $14^{\circ} 07' 0''$ S., long. $123^{\circ} 33' 25''$ E.
4. VULCAN SHOAL is of live coral formation, 3 miles long W. by N. and E. by S., and 1 mile wide, with general depths of from 8 to 12 fathoms over it, the least depth being 5 fathoms situated near the western end in approximately lat. $12^{\circ} 49' 5''$ S., long. $124^{\circ} 16' 15''$ E.

This shoal is surrounded by depths of 50 and 90 fathoms.

5. HEYWOOD SHOAL is also of live coral, $3\frac{1}{2}$ miles long N.W. and S.E., and 2 miles broad, with general depths over it of from 9 to 15 fathoms. The least depths of 6 fathoms is situated near its south-east end in approximately lat. $13^{\circ} 28' 55''$ S., long. $124^{\circ} 03' 25''$ E.

Deep water of from 30 to 50 fathoms surrounds the bank.

The above two shoals (4 and 5) were discovered in 1801 by Captain P. Heywood, H.M. Bomb *Vulcan*, and do not appear to have been seen since that date.

The undermentioned shoals have been searched for without success:—

- (a) INDUS SHOAL in approximately lat. $10^{\circ} 17'$ S., long. $131^{\circ} 06'$ E. An area of 120 square miles in this vicinity was sounded over in fine weather, the general depths obtained being from 45 to 52 fathoms mud bottom, without any indication of shoal water. The original report of this shoal being somewhat vague, it is considered that it does not exist, and it has in consequence been erased from the Charts.
- (b) LYNHER REEF in approximately lat. $15^{\circ} 26'$ S., long. $121^{\circ} 53'$ E. This position was sounded over, a depth of 21 fathoms being obtained near the spot; P.D. has therefore been placed against this reef on the Chart, pending further investigations.
- (d) The shallow line of soundings reported by "LE SCORFF" in approximately lat. $10^{\circ} 37'$ S., long. $139^{\circ} 27'$ E.
- (e) The shallow line of soundings reported by "DURANCE" in approximately lat. $10^{\circ} 53'$ S., long. $138^{\circ} 45'$ E. (Notice No. 494 of 1900.)

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—Australia, northern portion, No. 2759a; North-west coast of Australia, No. 475; Cape Ford to Buccaneer Archipelago, No. 1047; Gulf of Carpentaria, Nos. 1043, 1044; Western approaches to Torres strait, No. 447; Also, Australia Directory, vol. III, 1895, pages 49, 247, 249; and Supplement, 1898, relating to that work, page 2.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 227.

[First Publication.]

KOREA, EAST COAST—COMMEMORATION BAY.

Position of a sunken rock.

THE British Admiralty has given notice (No. 496 of 1900) of the existence of a rock, over which there is a depth of $2\frac{1}{2}$ fathoms, situated at a distance of 4 cables N. 25° E. from Datsan island, Commemoration bay (Urusan Ko), in lat. $35^{\circ} 31' 40''$ N., long. $129^{\circ} 26' 55''$ E. (Notice No. 496 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—Commemoration bay, on Sheet No. 1259; Also, China Sea Directory, vol. IV, 1894, page 138.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 228.

[First Publication.]

KOREA, SOUTH-WEST COAST—MURRAY AND LYNE SOUNDS.

Shoals.

THE British Admiralty has given notice (No. 497 of 1900) of the existence of the following shoals off the south-west coast of Korea:—

- (a) A patch of fine sand with a depth of $2\frac{3}{4}$ fathoms over it, in lat. $34^{\circ} 14' 55''$ N., long. $126^{\circ} 0' 50''$ E.
- (b) A sandy shoal, named Gyuzi, with depths over it of from $3\frac{1}{2}$ to $4\frac{1}{2}$ fathoms, and about $4\frac{1}{2}$ cables long, north and south, and 1 to $3\frac{1}{2}$ cables broad. The south extremity, with a depth of 4 fathoms over it, steep to on the east and west sides, is situated with the isolated rock about one mile northward of Kacha Do, bearing N. $7\frac{1}{2}^{\circ}$ E., distant $6\frac{3}{16}$ miles, in lat. $34^{\circ} 28' 20''$ N., long. $125^{\circ} 55'$ E. (Notice No. 497 of 1900.)

(Variation 3° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—Korea Archipelago, No. 104; Also, China Sea Directory, vol. IV, 1894, pages 86, 79; and Supplement, 1898, pages 4 and 5.

W. B. HUDDLESTON, LIEUT., R.I.M.,

Acting Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 10th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 229.

[First Publication.]

CHINA, EAST—YANG TSE KIANG APPROACH.

Gutzlaff light—Character altered.

THE British Admiralty has given notice (No. 503 of 1900) that the character of Gutzlaff light has been altered from white fixed to white flashing every five seconds, elevated 283 feet above high water, and visible in clear weather from a distance of 24 miles.

It is shown from a steel tower, 46 feet high, erected on the eastern summit of the island, about 50 yards N. 77° E. from the site of the old tower. (Notice No. 503 of 1900.)

Approximate position, lat. $30^{\circ} 48'$ N., long. $122^{\circ} 10'$ E.

(Variation 2° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Hongkong to Liautung gulf, No. 1262; Amoy to Nagasaki, No. 2412; Kue shan islands, &c., No. 1199; Approaches to Yang tse kiang, Nos. 1124, 1602; Also, List of Lights, part VI, 1900, No. 734; China Sea Directory, vol. III, 1894, page 379; and Supplement, 1897, page 24.

W. B. HUDDLESTON, LIEUT., R.I.M.,

Acting Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 10th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 230.

[First Publication.]

CHINA—EAST COAST.

Namoa island—Shoal ground eastward of Glengyle rock.

THE British Admiralty has given notice (No. 504 of 1900) that Mr. D. Mackenzie, Master of S.S. *Kweilin*, reports that on 4th June 1900, his vessel, drawing about 14 feet, struck on a shoal, which, from the bearings given, would place it in the proximity of the Glengyle rock; the danger line around that rock has therefore been extended on the chart for a distance of 3 cables eastward to lat. $23^{\circ} 24' 15''$ N., long. $117^{\circ} 9' 0''$ E. (Notice No. 504 of 1900.)

This Notice affects the following Admiralty Chart:—Namoa island, No. 1957; Also, China Sea Directory, vol. III, 1894, page 156.

W. B. HUDDLESTON, LIEUT., R.I.M.,

Acting Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 10th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 215.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

Shortt's island lighthouse.

IN continuation of Notice to Mariners No. 214, dated the 27th August, issued by this office, a telegraphic communication has been received from the Port Officer, Chandbali, stating that Dioptric masthead lights will be exhibited from Shortt's island flagstaff from 31st August, visible about five miles, pending other arrangements.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 216.

[Second Publication.]

NEW ZEALAND—NORTH ISLAND.

Exhibition of light on East island, near East Cape.

WITH reference to Notices to Mariners No. 239, dated 12th November 1898, and No. 13, dated 20th January 1900, the Government of New Zealand has given further notice (No. 86 of 1900) that on and after Thursday, the 9th August 1900, a light will be exhibited from sunset to sunrise from the lighthouse which has been erected on East Island, near East Cape, on the east coast of the North Island of New Zealand. The position and characteristics are as follows:—

The site of the light is in latitude $37^{\circ} 4'$ south, and longitude $178^{\circ} 36'$ east, as measured from the Admiralty chart.

The tower is constructed of cast iron. The total height from the bottom of the base to the top of the lantern is 69 ft., and it is painted white.

The light will be 362 ft. above the level of the sea at high water. It is a dioptric revolving white light of the second order, showing a white flash at intervals of ten seconds. It will be visible seaward over an arc of 280 degrees of the horizon, or as far round as the land will allow, and in ordinary clear weather it will be seen twenty-two nautical miles from the deck of a vessel 15 ft. above sea-level.

Charts affected: No. 2527, sheet iii, N. Z.; "New Zealand Pilot," chapter iii, pages 147 and 148.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 217.

[Second Publication.]

JAPAN—KIUSIU, EAST COAST.

Saiki bay—Rocks in northern approach.

THE British Admiralty has given notice (No. 471 of 1900) of the existence of the undermentioned rocks in the northern approaches to Saiki bay:—

- (1) Tatenokawaranookinose, a rock with a least depth over it of 4 fathoms, is situated with Mura haye bearing S. 72° E., distant $9\frac{1}{16}$ cables, and the east extreme of Hiko shima S. 30° W.

Approximate position, lat. $33^{\circ} 1' 30''$ N., long. $131^{\circ} 54' 50''$ E.

This rock is connected by a ledge to the point south-eastward of Hirihosi.

- (2) A rock with a depth of 1 fathom over it, situated with North Kando shima bearing No. 78° E., distant half a cable, and east extreme of Hiko shima S. 38° W. This rock is connected by a reef with North Kando shima.

- (3) A rock with a depth of 3 fathoms over it, situated with South Kando shima bearing S. 50° W., distant one-third of a cable, and Mura haye S. 83° E. This rock is connected by a reef with South Kando shima.
- (4) Sukanose, a rock with a depth of 6 fathoms over it, situated with Mitsu bosi (northern rock) bearing S. 30° E., distant 1 cable, and Mura haye S. 84° E. This rock is connected by a reef with South Kando shima. (Notice No. 471 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—Saiki bay, No. 2985: Also, China Sea Directory, vol. IV, 1894, page 244; and Supplement, 1898, relating to that work, page 14.

W. B. HUDDLESTON, Lieut., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 218.

[Second Publication.]

JAPAN—HONSHU, SOUTH COAST.

Simoda harbour—Rocks in approach.

THE British Admiralty has given notice (No. 473 of 1900) of the existence of the undermentioned rocks in the approach to Simoda harbour:—

- (1) A rock with a depth over it of 4½ fathoms, situated with Saku ne bearing S. 48° E., distant 1 cable, and west extreme of Ishitori ne S. 22° W.
- (2) A rock with a depth of 4½ fathoms over it, situated with Saku ne bearing S. 31° E., distant 1½ cables, and west extreme of Ishitori ne S. 18° W.
- (3) A rock with a depth of 3½ fathoms over it, situated with Saku ne bearing S. 4° E., distant 1⅞ cables, and Tarai sa zaki N. 77° W.
- (4) A rock with a depth of 4 fathoms over it, situated with Saku ne bearing S. 4° E., distant 2⅞ cables, and Tarai sa zaki N. 79° W.
- (5) A rock with a depth of 3½ fathoms over it, from which Saku ne bears S. 23° E., distant 5⅞ cables, and Tarai sa zaki N. 82° W.
- (6) A rock named Goto ne, with a depth of 1½ fathoms over it, situated with Saku ne bearing S. 22° E., distant 5½ cables, and Tarai sa zaki S. 80° E.
- (7) A rock named Shira ne with a depth of 1½ fathoms over it, situated with Saku ne bearing S. 43° E., distant 5⅞ cables, and Toyo ne S. 13° W.

Approximate position, Suku ne, lat. 34° 37' 15" N., long. 138° 55' 0" W.

The correct name for Mechan ne is Myochan ne. (Notice No. 473 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—Simoda harbour, No. 2655: Also, China Sea Directory, vol. IV, 1894, page 293.

W. B. HUDDLESTON, Lieut., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 219.

[Second Publication.]

AUSTRALIA—QUEENSLAND.

Moreton bay—Yellow patch light, sector altered, No. 5 buoy moved.

THE British Admiralty has given notice (No. 476 of 1900) that the following alterations have been made in the lighting and buoyage of Moreton bay:—

- a. Yellow patch light. The southern sector of this light now shows white from the bearing of S. 67° E. to S. 83° E.

Approximate position, lat. $27^{\circ} 2' S$, long. $153^{\circ} 28' E$.

- b. North-west channel, No. 5 buoy (black, with topmark) has been moved 2 cables S. $56^{\circ} W$. of its former position, to mark a patch with a depth of $17\frac{1}{2}$ feet over it. (Notice No. 476 of 1900.)

Approximate position on Chart No. 1670a, lat. $26^{\circ} 57' 35'' S$, long. $153^{\circ} 13' 0'' E$.

(Variation 9° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—Danger point to Cape Moreton, No. 1029; Moreton bay, No. 1670a; Also, List of Lights, part VI, 1900, No. 1218; and Australia Directory, vol. II, 1898, pages 123, 127.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 213.

[Third Publication.]

INDIA, WEST—BOMBAY COAST.

Victoria and Princes dock—Time signal altered.

THE British Admiralty has given notice (No. 458 of 1900) that the time signal made at the clock tower at Victoria and Princes dock has been altered, and the ball will in future be dropped at 15 hrs. 0 m. 0 s. Greenwich mean time, or 7 hrs. 51 m. 15.7 s. A.M. local mean time; in case of failure a flag will be immediately hoisted and the ball be dropped at 16 hrs. 0 m. 0 s. G.M.T. or 8 hrs. 51 m. 15.7 s. A.M. local mean time.

The ball at Bombay Castle will continue to be dropped as usual at 1 P.M. local mean time.

Approximate position of the time signal station clock tower lat. $18^{\circ} 57' 13'' N$, long. $72^{\circ} 50' 46'' E$. (Notice No. 458 of 1900.)

This Notice affects the following Admiralty Chart:—Port of Bombay, No. 655; Also, List of Time Signals, 1898, page 17; and West Coast of Hindustan Pilot, 1898, page 206.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT

NOTICE TO MARINERS—No. 214.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

Shortt's island lighthouse.

OWING to the sudden erosion of Shortt's island, endangering the structure of the lighthouse, this light will not be exhibited on and after the 31st August, when the lighthouse will be dismantled.

E. J. BEAUMONT, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 27th August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, SEPTEMBER 12, 1900.

THE COMMISSIONERS FOR THE PORT OF CALCUTTA.

Abstract Account of Receipts and Expenditure of the Calcutta Port Fund for the year 1899-1900.

| PARTICULARS. | Actuals for 1899-1900. | PARTICULARS. | Actuals for 1899-1900. |
|--|---------------------------|---|---------------------------|
| <i>Receipts.</i> | <i>Rs. A. P.</i> | <i>Expenditure.</i> | <i>Rs. A. P.</i> |
| Receipts from mooring hire | 2,94,537 9 0 | Proportion of salaries, control | 66,250 8 8 |
| Ditto Harbour Master's earnings | 1,99,665 2 0 | Ditto dredger expenses | 15,623 10 8 |
| Ditto wreckage and anchors recovered | 3,813 3 6 | Ditto interest and sinking fund on loans | 1,59,110 12 0 |
| Ditto Moyapore Magazine | 6,517 10 9 | Ditto repairs to officers' quarters | 426 8 4 |
| Ditto sale of condemned stores | 4,899 10 5 | Ditto repairs and municipal taxes of | |
| Ditto licenses of cargo and passenger boats | 26,314 13 0 | Dockyard | 11,864 1 8 |
| Ditto Government subsidy for collecting | | Ditto municipal taxes | 1,758 0 0 |
| pilotage dues | 2,800 0 0 | River Police establishment | 50,552 14 1 |
| Ditto Government contribution for River | | Moordafarash establishment | 1,614 2 8 |
| Police for 1898-99 | 2,672 1 8 | Renewal of block | 1,05,110 0 0 |
| Earnings of tug <i>Rescue</i> | 22,302 0 0 | Repairs to boats, vessels, &c. | 1,62,098 9 3 |
| Ditto tug <i>Hetty</i> | 217 11 0 | Working expenses | 1,91,517 3 2 |
| Ditto steam-launch <i>Behrend</i> | 182 0 0 | Salaries and contingencies | 4,71,276 7 1 |
| Ditto fire-engine <i>Hooghly</i> | 100 0 0 | Pensions and compassionate allowances | 27,369 14 6 |
| Interest on Government securities for Reserve | | Hospital port dues paid over to Government | 90,909 6 0 |
| Funds | 21,287 0 0 | | |
| Proportion of receipts from towing vessels by hopper | | | |
| barges | 1,367 9 10 | | |
| Port dues | 4,81,793 1 0 | | |
| Miscellaneous receipts | 1,119 6 11 | | |
| Hospital port dues | 90,909 6 0 | | |
| Total | 11,60,438 3 8 | Total | 13,56,282 2 1 |

Statement of Ways and Means.

| | Rs. | A. | P. |
|-----------------------------------|-----------|----|----|
| Receipts | 11,60,438 | 3 | 8 |
| Expenditure | 13,56,282 | 2 | 1 |
| Deficit on 31st March 1900 | 1,95,843 | 14 | 5 |

The above deficit has been met from contribution from Port Trust revenue realised under Act III (B.U.) of 1890

Verified by

J. C. E. BRANSON,
Acctt.-Genl., Bengal.

G. C. RAY,
Exmr. of Local Accounts, Bengal.

J. F. H. MCINERNEY,
Offg. Accountant.

J. H. APJOHN,
Vice-Chairman.

Port Commrs.' Office, Calcutta, the 22nd August 1900.

PUBLISHED under the provisions of sub-section (2), section 36, of the Indian Ports Act, X of 1870.

J. H. APJOHN,
Vice-Chairman of the Port Commissioners.

CALCUTTA, the 6th September 1900.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, SEPTEMBER 19, 1900.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 231.

[First Publication.]

CHINA SEA—THE PHILIPPINES—PANAY ISLAND.

Port Ilo Ilo—New shoal off the fort.

THE British Admiralty has given notice (No. 505 of 1900) of the existence of a shoal of small extent with a depth of 4 fathoms over it, in port Ilo Ilo, situated with the Fort bearing West, distant $3\frac{1}{2}$ cables, and the red light at river entrance, N. 35° W.

This shoal is marked by a conical buoy painted in black and white vertical stripes. (Notice No. 505 of 1900.)

Approximate position, lat. $10^{\circ} 41' N.$, long. $122^{\circ} 35' E.$

(Variation 1° Easterly in 1900.)

This Notice affects the following Admiralty Chart:—Port Ilo Ilo, on sheet No. 2391: Also, Eastern Archipelago, part I, 1890, page 216; and Revised Supplement, 1898, page 61.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 232.

[First Publication.]

AUSTRALIA, EAST COAST—COOKS PASSAGE.

Shoal in approach reported.

THE British Admiralty has given notice (No. 511 of 1900) that the Master of the schooner *Griffin* reports that his vessel when about 4 miles north-eastward of Cooks passage passed within 50 yards of a shoal patch about 70 yards long and 30 yards broad. The shoal did not appear to have more than a depth of 4 to 5 fathoms over it, but there was no sign of any break.

The bearings taken place this shoal in lat. $14^{\circ} 28' 20'' S.$, long. $145^{\circ} 36' 0'' E.$

NOTE.—As no soundings were obtained, it seems not impossible that this shoal appearance might have been caused by marine animalculæ. (Notice No. 511 of 1900.)

This Notice affects the following Admiralty Charts:—Coral sea, No. 2764; Hope islands and Turtle group, No. 2923: Also, Australia Directory, vol. II, 1898, page 377.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 233.

[First Publication.]

JAPAN, INLAND SEA—IYO NADA.

Gogo sima, Nokutsuna sima—New rocks.

THE British Admiralty has given notice (No. 513 of 1900) of the existence of the undermentioned rocks between Gogo sima and the main land :—

1. A rock with a depth of $2\frac{1}{2}$ fathoms over it, situated with Take sima, Horiyé bay, bearing N. 84° E., distant $9\frac{1}{2}$ cables, and Skumo sima S. 10° E.
2. A rock named Kyonoishi, with a least depth of $2\frac{3}{4}$ fathoms over it, situated with Si Sima bearing N. 42° E., distant $9\frac{1}{4}$ cables, and south point of Gogo Sima N. 71° W.
3. A rock named Taka yama ishi, with a least depth over it of 3 fathoms, situated with Si Sima bearing N. 34° E., distant 9 cables, and south point of Gogo Sima N. 70° W.

The above two rocks (2) and (3) form part of the Yokomakura bank, which is long and irregular in shape and has depths over it of from $3\frac{1}{2}$ to $4\frac{3}{4}$ fathoms.

Approximate position, lat. $33^{\circ} 52'$ N., long. $132^{\circ} 41'$ E.

4. A sandy patch of small extent, on which there is a depth of $\frac{3}{4}$ fathom, situated on the edge of the shoal bank, southward of Mitsuga Hama with Mitsuga Hama light bearing N. 30° E., distant nearly 6 cables, and south point of Gogo Sima No. 61° W.
5. A rock southward of Nokutsu Sima, with a depth of $1\frac{1}{2}$ fathoms on it, situated with the east summit of Nokutsuma (Nobotsuna) bearing N. 12° E., distant $4\frac{1}{4}$ cables. (*Notice No. 513 of 1900.*)

Position, lat. $33^{\circ} 57' 50''$ N., long. $132^{\circ} 41' 20''$ E.

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart :—*Misima Nada and Iyo Nada*, No. 83 ; *Plan of Gogo Sima* on sheet No. 694 : Also, *China Sea Directory*, vol. IV., 1894, page 417.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

O. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 14th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 234.

[First Publication.]

AUSTRALIA—SOUTH CHANNEL, PORT CURTIS.

Exhibition lights, and changed position of Gatecombe head light.

WITH reference to Notice to Mariners No. 200, dated the 11th August 1900, issued by this Office, the Port Master, Brisbane, has given further notice (No. 13 of 1900) that, on and after the 8th August, the South Channel into Port Curtis will be lighted for navigation by night, and the light from Gatecombe Head will be exhibited from the new tower erected 450 feet N. by E. from the old structure.

A description of the new lights has already been given in Notice No. 11, and the directions for their use are as follow :—

SOUTH CHANNEL.

By Day.—Vessels bound into the Port of Gladstone, and using the South Channel by day, will bring the leading light beacons, near the Boyne River, in line S. 75° W. before the Jenny Lind bank buoy is reached; continue with them in line until South Trees Point comes in line with Scrubby Mountain N.W. by W. $\frac{3}{4}$ W., then haul up for these marks, keeping them in line, and passing two red buoys on the starboard hand, until abreast of the floating lightboat (at the main entrance of the North Channel), then steer N. 55° W. until abreast of the Black Beacon (marking the limit of the shoal water E.S.E. from South Trees Point), then change course to N. 79° W., passing South Trees Point at a distance of about three cables, and two red buoys on the starboard hand; after the second red buoy is passed (marking the Rich Rock) haul down for the Jetty.

By Night.—Vessels entering the South Channel at night will get on the line of leading lights near the Boyne River before Bustard Head Light bears E.S.E. With the leading lights in line bearing S. 75° W. stand in until the leading lights on Gatecombe Head come into line bearing N. 55° W., when follow these leads until East Point Light is obscured, or until the main light on Gatecombe Head opens out. Then steer N. 69° W. to pass about two cables to the westward of the lightboat marking the inner entrance of North Channel; after passing the lightboat proceed as in directions given for North Channel at night.

NORTH CHANNEL.

By Day.—Same as at present.

By Night.—Bring Gatcombe Head Light to bear S.W. by W. $\frac{1}{2}$ W., and steer in on this course until East Point Light opens out, then haul down S. by W. until Oyster Rock Light comes in sight, then steer to pass about $1\frac{1}{2}$ cables from it, taking care to avoid the shoal bank lying off the land between Settlement Point and Gatcombe Head. After passing the Oyster Rock Light, bring it and Gatcombe Head Light slightly open to the westward and steer to pass the floating white light close on the starboard hand.

A vessel when passing the floating white light will be in the main channel, and a N.W. by W. $\frac{1}{2}$ W. course should be steered up the harbour until the small light at the pilot's cottage at Gatcombe Head opens out on an E. by S. $\frac{1}{2}$ S. bearing when a vessel may be kept away, being clear of the elbow of the bank and of South Trees Point while the light is in sight.

Before rounding South Trees Point the light at the foot of Auckland Point will be seen. Keep the light open and steer to pass it at a cable's length, and after it changes to red continue until the two red beacon lights are in line, when haul up to enter the creek.

Since the tides run with a velocity of from $1\frac{1}{2}$ to $2\frac{1}{2}$ knots an hour, due caution will have to be observed and a proper allowance made for tidal influence when navigating this channel.

Chart affected, 1900; Australia Directory, vol. 2.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 235.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

Short's island light.

WITH reference to Notice to Mariners No. 215, dated the 31st August 1900, issued by this office, a further telegraphic communication has been received from the Port Officer, Chandbally, stating that a sixth order dioptric fixed light will be exhibited from a masonry tower, Short's island, from the night of the 13th September, visible 10 miles in clear weather, between the bearings of North through East to East-South-east, magnetic.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 236.

[First Publication.]

AFRICA, EAST—PORT OF MOMBASSA.

A fixed white light at Ras Serani.

THE Port Officer, Mombassa, has given notice, dated 23rd August 1900, that a fixed white light visible at a distance of about 12 miles will be exhibited shortly at Ras Serani. The light will be hoisted on a steel mast 60 feet high placed at the back of the inner pillar, visible from about N. 60° E. through E. to S. 20° W.

Further particulars will be published as soon as the light has been erected and put into working order.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 237.

[First Publication.]

INDIA, SOUTH—CEYLON COAST—POINT DE GALLE HARBOUR.

Neptune bastion—Lloyd's signal station established.

THE British Admiralty has given notice (No. 519 of 1900) that the Committee of Lloyd's have given Notice, dated 1st July 1900, that a signal station has been established at Neptune bastion, Point de Galle harbour, to which, any vessel requiring to be reported at night, should make the night signal of her line.

Vessels passing Point de Galle harbour at night, and wishing to indicate that they are calling at Colombo, should show a red light aft in addition to the night signal.

Arrangements have also been made at this station for immediate delivery to vessels at night, weather permitting, of orders for them; the charge for doing this being 20 rupees.

During the day orders will be signalled to vessels on the usual conditions.

The charges for reports from this station are, Day, 10d. each, Night, 1s. 3d., in addition to the cost of the telegram. (*Notice No. 519 of 1900.*)

Approximate position, lat. $6^{\circ} 2' N.$, long. $80^{\circ} 12' E.$

This Notice affects the following Admiralty Charts:—Ceylon, South coast, No. 813; Point de Galle harbour, Nos. 819, 820; Also, List of Lights, part VI, 1900, No. 297; West coast of Hindustan Pilot, 1898, page 83, and Bay of Bengal Pilot, 1892, page 57.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 238.

[First Publication.]

PACIFIC OCEAN—MARIANA OR LADRONE ISLANDS.

Position of Urracas islands.

THE British Admiralty has given notice (No. 520 of 1900) that the Urracas islands are shown too far to the northward on the Admiralty Charts. The question of the position of those islands has recently been discussed with the following results:—

No observations appear to have been taken actually on the islands themselves, but La Perouse, in 1786, placed Assumption island, off which he anchored, in lat. $19^{\circ} 45' N.$

From a running survey executed by Captain Beechy, H. M. S. *Blossom*, in 1827, it would appear that the Urracas islands are situated 17 miles N. $25^{\circ} W.$ (true) from Assumption island; this would place them in lat. $20^{\circ} 0' N.$, long. $145^{\circ} 21' E.$ As this agrees with the latest reports received by the United States Government, these islands have been placed in this position on the Admiralty Charts. (*Notice No. 520 of 1900.*)

This Notice affects the following Admiralty Charts:—Pacific Ocean, No. 781, Mariana islands, No. 1101; Also, China Sea Directory, vol. IV, 1894, page 202.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 239.

[First Publication.]

CHINA—CANTON RIVER—THE BROADWAY.

Moto island—Shoal off—Decreased depth extending.

THE British Admiralty has given notice (No. 523 of 1900) that Captain Lans, H.I.M.S. *Itis*, reports that, owing to the decreased depths of water, his vessel, drawing 12 feet, was unable to proceed further up the river than Moto island, a depth of 6 feet having been obtained with Moto fort bearing N. $23^{\circ} E.$, distant 7 cables, and south extreme of Moto island, East.

From this it would appear that the bank between Moto mun and Moto island is extending to the southward. (*Notice No. 523 of 1900.*)

Approximate position, lat. $22^{\circ} 17' N.$, long. $113^{\circ} 20\frac{1}{2}' E.$

(*Variation 1° Easterly in 1900.*)

This Notice affects the following Admiralty Charts:—Hui ling san to Hongkong, No. 2212; Canton river, No. 2562: Also, China Sea Directory, vol. III, 1894, pages 84, 117; and Supplement, 1898, page 11.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 220.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

China Buckeer light.

IN continuation of Notice to Mariners No. 123, dated the 12th May 1900, issued by this office, the Port Officer, Rangoon, has given further information, dated 31st August 1900, that the light on China Buckeer will be discontinued on the 15th November 1900, and a light will be exhibited from a light-vessel anchored 2 miles to the south-east (true) of the present China Buckeer light-house.

The light will be group flashing alternate red and white flashes every 45 seconds, each flash being of 5 seconds duration and visible 12 miles.

The light-vessel will be painted red with one mast, at which is hoisted a black cone and the words "China Buckeer" painted on each side.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 221.

[Second Publication.]

INDIA, WEST—BOMBAY COAST.

(1) *Miria bay buoy adrift.*

THE following Notices to Mariners (No. 69 of 1900), issued by the Bombay Government, is republished:—

Information, dated 21st August 1900, has been received from the Commissioner of Customs, Salt, Opium and Abkari, that the Miria bay buoy has gone adrift.

Notice of its replacement will be given.

This Notice affects the following Admiralty Chart:—Ratnagiri, Miria and Kalbadavie Bays; also West Coast of Hindustan Pilot, 4th Edition, 1898, page 179.

(2) *Harnai light—Alteration in character.*

Information has been received from the Commissioner of Customs, Salt, Opium and Abkari, dated 21st August 1900, that the occulting red light at Harnai will be shown as a fixed red light until further notice.

This Notice affects the following Admiralty Charts:—Karachi to Vengurla, No. 826; Gulf of Kutch to Viziadurg, No. 2736, and Kundari to Boria Pagoda, No. 738: Also, Light List, Part VI, 1900, page 38, No. 242a.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 222.

[Second Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH-WEST COAST.

Pulo Datu—Reef to the southward.

THE British Admiralty has given notice (No. 486 of 1900) of the existence of a reef with a depth over it of less than 16 feet, situated 7 miles southward of pulo Datu, in approximately lat. $0^{\circ} 1' S.$, long. $108^{\circ} 36' E.$ (*Notice No. 486 of 1900.*)

This Notice affects the following Admiralty Charts:—China Sea, No. 2660a; Eastern Archipelago, No. 941a: Also, China Sea Directory, vol. II, 1899, page 46.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 223.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river—Leading lights established southward of Syriam point.

THE British Admiralty has given notice (No. 487 of 1900) that two *white fixed* leading lights have been established to the southward of Syriam point, on the east bank of Rangoon river; the front light is situated $6\frac{1}{2}$ cables S. $10^{\circ} E.$ from the extreme of Syriam point; the rear light bears S. $71^{\circ} E.$ from the front light.

Approximate position, front light, lat. $16^{\circ} 45' 0'' N.$, long. $96^{\circ} 13' 10'' E.$

The above two lights in line S. $71^{\circ} E.$ lead over the Hastings shoal. (*Notice No. 487 of 1900.*)

(*Variation 1° Easterly in 1900.*)

This Notice affects the following Admiralty Chart:—Rangoon river, No. 833: Also, List of Lights, part VI, 1900, page 60; and Bay of Bengal Pilot, 1892, page 331.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 224.

[Second Publication.]

CHINA, EAST COAST—HONG KONG.

Tailong head light—Shown in error in Chart No. 1964.

THE British Admiralty has given notice (No. 488 of 1900) that as Tailong head light appears in error on certain copies of Admiralty Chart, No. 1964, notice is hereby given that the light should be erased from that chart. (*Notice No. 488 of 1900.*)

Approximate position, lat. $22^{\circ} 12' 50'' N.$, long. $114^{\circ} 15' 50'' E.$

This Notice affects the following Admiralty Chart:—Mirs bay, No. 1964.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 225.

[Second Publication.]

PERSIAN GULF—NABIYU FARÚR.

Bank to the southward.

THE British Admiralty has given notice (No. 489 of 1900) of the existence of a bank with a depth over it of 8 fathoms, hard bottom, situated at a distance of $1\frac{1}{2}$ miles, S. 22° W. from NABIYU FARÚR.

Approximate position, lat. $26^{\circ} 6' N.$, long. $54^{\circ} 26' E.$

This bank apparently was not examined; there may therefore be less water over it, (Notice No. 489 of 1900.)

(Variation Nil in 1900.)

This Notice affects the following Admiralty Chart:—Persian gulf, No. 2837a: Also Persian Gulf Pilot, 1898, page 236.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

O. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 226.

[Second Publication.]

AUSTRALIA—NORTH-WEST AND NORTH COASTS.

Shoals—Examination of and search for—.

THE British Admiralty has given notice (No. 494 of 1900) that information, dated 30th May 1900, has been received from Commander J. W. Combe, H.M. Surveying Vessel *Penguin*, respecting the examination of the undermentioned shoals, and the unsuccessful search for others off the north-west and north coasts of Australia:—

1. MONEY SHOAL is of coral formation, very flat, extending $3\frac{1}{2}$ miles E.N.E. and W.S.W. by $1\frac{1}{2}$ miles wide, with a general depth of 5 to 6 fathoms over it. There are several patches of 18 feet on its eastern edge, the easternmost being in approximately lat. $10^{\circ} 21' 25'' S.$, long. $132^{\circ} 45' 50'' E.$
During fresh easterly winds the shoal was seen to break.
2. MARIE SHOAL, composed of sand and coral, is 2 miles long N.N.W. and S.S.E., and 1 mile broad, with a general depth of from 5 to 7 fathoms over it. The least depth is 20 feet, situated about the middle of its western edge, in approximately lat. $10^{\circ} 55' 20'' S.$, long. $130^{\circ} 06' 15'' E.$
This shoal is surrounded by depths of 25 and 35 fathoms.
3. BROWSE ISLET. The position of this islet (centre) is approximately in lat. $14^{\circ} 07' 0'' S.$, long. $123^{\circ} 33' 25'' E.$
4. VULCAN SHOAL is of live coral formation, 3 miles long W. by N. and E. by S., and 1 mile wide, with general depths of from 8 to 12 fathoms over it, the least depth being 5 fathoms situated near the western end in approximately lat. $12^{\circ} 49' 5'' S.$, long. $124^{\circ} 16' 15'' E.$
This shoal is surrounded by depths of 50 and 90 fathoms.
5. HEYWOOD SHOAL is also of live coral, $3\frac{1}{2}$ miles long N.W. and S.E., and 2 miles broad, with general depths over it of from 9 to 15 fathoms. The least depths of 6 fathoms is situated near its south-east end in approximately lat. $13^{\circ} 28' 55'' S.$, long. $124^{\circ} 03' 25'' E.$
Deep water of from 30 to 50 fathoms surrounds the bank.

The above two shoals (4 and 5) were discovered in 1801 by Captain P. Heywood, H.M. Bomb *Vulcan*, and do not appear to have been seen since that date.

The undermentioned shoals have been searched for without success:—

- (a) INDUS SHOAL in approximately lat. $10^{\circ} 17' S.$, long. $131^{\circ} 06' E.$ An area of 120 square miles in this vicinity was sounded over in fine weather, the general depths obtained being from 45 to 52 fathoms mud bottom, without any indication of shoal water. The original report of this shoal being somewhat vague, it is considered that it does not exist, and it has in consequence been erased from the Charts.
- (b) LYNHER REEF in approximately lat. $15^{\circ} 26' S.$, long. $121^{\circ} 55' E.$ This position was sounded over, a depth of 21 fathoms being obtained near the spot; P.D. has therefore been placed against this reef on the Chart, pending further investigations.

- (d) The shallow line of soundings reported by "LE SCORFF" in approximately lat. $10^{\circ} 37' S.$, long. $139^{\circ} 27' E.$
 (e) The shallow line of soundings reported by "DURANCE" in approximately lat. $10^{\circ} 53' S.$, long. $138^{\circ} 45' E.$ (Notice No. 494 of 1900.)

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—Australia, northern portion, No. 2759a; North-west coast of Australia, No. 475; Cape Ford to Buccaneer Archipelago, No. 1047; Gulf of Carpentaria, Nos. 1043, 1044; Western approaches to Torres strait, No. 447; Also, Australia Directory, vol. III, 1895, pages 49, 247, 249; and Supplement, 1898, relating to that work, page 2.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 227.

[Second Publication.]

KOREA, EAST COAST—COMMEMORATION BAY.

Position of a sunken rock.

THE British Admiralty has given notice (No. 496 of 1900) of the existence of a rock, over which there is a depth of $2\frac{1}{2}$ fathoms, situated at a distance of 4 cables N. $25^{\circ} E.$ from Datsan island, Commemoration bay (Urusan Ko), in lat. $35^{\circ} 31' 40'' N.$, long. $129^{\circ} 26' 55'' E.$ (Notice No. 496 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—Commemoration bay, on Sheet No. 1259; Also, China Sea Directory, vol. IV, 1894, page 138.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 10th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 228.

[Second Publication.]

KOREA, SOUTH-WEST COAST—MURRAY AND LYNE SOUNDS.

Shoals.

THE British Admiralty has given notice (No. 497 of 1900) of the existence of the following shoals off the south-west coast of Korea:—

- (a) A patch of fine sand with a depth of $2\frac{1}{2}$ fathoms over it, in lat. $34^{\circ} 14' 55'' N.$, long. $126^{\circ} 0' 50'' E.$
 (b) A sandy shoal, named Gyuzi, with depths over it of from $3\frac{1}{2}$ to $4\frac{1}{2}$ fathoms, and about $4\frac{1}{2}$ cables long, north and south, and 1 to $3\frac{1}{2}$ cables broad. The south extremity, with a depth of 4 fathoms over it, steep to on the east and west sides, is situated with the isolated rock about one mile northward of Kacha Do, bearing N. $72^{\circ} E.$, distant $6\frac{3}{16}$ miles, in lat. $34^{\circ} 28' 20'' N.$, long. $125^{\circ} 55' E.$ (Notice No. 497 of 1900.)

(Variation 3° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—Korea Archipelago, No. 104; Also, China Sea Directory, vol. IV, 1894, pages 86, 79; and Supplement, 1898, pages 4 and 5.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 229.

[Second Publication.]

CHINA, EAST—YANG TSE KIANG APPROACH.

Gutzlaff light—Character altered.

THE British Admiralty has given notice (No. 503 of 1900) that the character of Gutzlaff light has been altered from white fixed to *white flashing every five seconds*, elevated 283 feet above high water, and visible in clear weather from a distance of 24 miles.

It is shown from a steel tower, 46 feet high, erected on the eastern summit of the island, about 50 yards N. 77° E. from the site of the old tower. (Notice No. 503 of 1900.)

Approximate position, lat. 30° 48' N., long. 122° 10' E.

(Variation 2° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—*Hongkong to Liautung gulf*, No. 1262; *Amoy to Nagasaki*, No. 2412; *Kue shan islands, &c.*, No. 1199; *Approaches to Yang tse kiang*, Nos. 1124, 1602; *Also, List of Lights, part VI*, 1900, No. 734; *China Sea Directory, vol. III*, 1894, page 379; and *Supplement*, 1894, page 24.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 230.

[Second Publication.]

CHINA—EAST COAST.

Namoa island—Shoal ground eastward of Glengyle rock.

THE British Admiralty has given notice (No. 504 of 1900) that Mr. D. Mackenzie, Master of S.S. *Kweilin*, reports that on 4th June 1900, his vessel, drawing about 14 feet, struck on a shoal, which, from the bearings given, would place it in the proximity of the Glengyle rock; the danger line around that rock has therefore been extended on the chart for a distance of 3 cables eastward to lat. 23° 24' 15" N., long. 117° 9' 0" E. (Notice No. 504 of 1900.)

This Notice affects the following Admiralty Chart:—*Namoa island*, No. 1957; *Also, China Sea Directory, vol. III*, 1894, page 156.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 215.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

Shortt's island lighthouse.

IN continuation of Notice to Mariners No. 214, dated the 27th August, issued by this office, a telegraphic communication has been received from the Port Officer, Chandbali, stating that Dioptric masthead lights will be exhibited from Shortt's island flagstaff from 31st August, visible about five miles, pending other arrangements.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 216.

[Third Publication.]

NEW ZEALAND—NORTH ISLAND.

Exhibition of light on East island, near East Cape.

With reference to Notices to Mariners No. 239, dated 12th November 1898, and No. 13, dated 20th January 1900, the Government of New Zealand has given further notice (No. 36 of 1900) that on and after Thursday, the 9th August 1900, a light will be exhibited from sunset to sunrise from the lighthouse which has been erected on East Island, near East Cape, on the east coast of the North Island of New Zealand. The position and characteristics are as follows:—

The site of the light is in latitude $37^{\circ} 4'$ south, and longitude $178^{\circ} 36'$ east, as measured from the Admiralty chart.

The tower is constructed of cast iron. The total height from the bottom of the base to the top of the lantern is 69 ft., and it is painted white.

The light will be 362 ft. above the level of the sea at high water. It is a dioptric revolving white light of the second order, showing a white flash at intervals of ten seconds. It will be visible seaward over an arc of 280 degrees of the horizon, or as far round as the land will allow, and in ordinary clear weather it will be seen twenty-two nautical miles from the deck of a vessel 15 ft. above sea-level.

Charts affected: No. 2527, sheet iii, N. Z.; "New Zealand Pilot," chapter iii, pages 147 and 148.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 217.

[Third Publication.]

JAPAN—KIUSIU, EAST COAST.

Saiki bay—Rocks in northern approach.

THE British Admiralty has given notice (No. 471 of 1900) of the existence of the undermentioned rocks in the northern approaches to Saiki bay:—

- (1) Tatenokawaranookinose, a rock with a least depth over it of 4 fathoms, is situated with Mura haye bearing S. 72° E., distant $9\frac{1}{10}$ cables, and the east extreme of Hiko shima S. 30° W.

Approximate position, lat. $33^{\circ} 1' 30''$ N., long. $131^{\circ} 54' 50''$ E.

This rock is connected by a ledge to the point south-eastward of Hirihosi.

- (2) A rock with a depth of 1 fathom over it, situated with North Kando shima bearing No. 78° E., distant half a cable, and east extreme of Hiko shima S. 38° W. This rock is connected by a reef with North Kando shima.
- (3) A rock with a depth of 3 fathoms over it, situated with South Kando shima bearing S. 50° W., distant one-third of a cable, and Mura haye S. 83° E. This rock is connected by a reef with South Kando shima.
- (4) Sukanose, a rock with a depth of 6 fathoms over it, situated with Mitsu bosi (northern rock) bearing S. 30° E., distant 1 cable, and Mura haye S. 84° E. This rock is connected by a reef with South Kando shima. (Notice No. 471 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—Saiki bay, No. 2985: Also, China Sea Directory, vol. IV, 1894, page 244; and Supplement, 1898, relating to that work, page 14.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 218.

[Third Publication.]

JAPAN—HONSHU, SOUTH COAST.

Simoda harbour—Rocks in approach.

THE British Admiralty has given notice (No. 473 of 1900) of the existence of the undermentioned rocks in the approach to Simoda harbour:—

- (1) A rock with a depth over it of $4\frac{1}{2}$ fathoms, situated with Saku ne bearing S. 48° E., distant 1 cable, and west extreme of Ishitori ne S. 22° W.
- (2) A rock with a depth of $4\frac{1}{2}$ fathoms over it, situated with Saku ne bearing S. 31° E., distant $1\frac{1}{2}$ cables, and west extreme of Ishitori ne S. 18° W.
- (3) A rock with a depth of $3\frac{1}{2}$ fathoms over it, situated with Saku ne bearing S. 4° E., distant $1\frac{7}{10}$ cables, and Tarai sa zaki N. 77° W.
- (4) A rock with a depth of 4 fathoms over it, situated with Saku ne bearing S. 4° E., distant $2\frac{1}{10}$ cables, and Tarai sa zaki N. 79° W.
- (5) A rock with a depth of $3\frac{1}{2}$ fathoms over it, from which Saku ne bears S. 23° E., distant $5\frac{2}{10}$ cables, and Tarai sa zaki N. 83° W.
- (6) A rock named Goto ne, with a depth of $1\frac{1}{2}$ fathoms over it, situated with Saku ne bearing S. 2° E., distant $5\frac{1}{2}$ cables, and Tarai sa zaki S. 80° E.
- (7) A rock named Shira ne with a depth of $1\frac{1}{2}$ fathoms over it, situated with Saku ne bearing S. 43° E., distant $5\frac{8}{10}$ cables, and Toyo ne S. 13° W.

Approximate position, Suku ne, lat. $34^{\circ} 37' 16''$ N., long. $138^{\circ} 55' 0''$ W.

The correct name for Mechan ne is Myochan ne. (*Notice No. 473 of 1900.*)

(*Variation 4° Westerly in 1900.*)

This Notice affects the following Admiralty Chart:—Simoda harbour, No. 2655; Also, China Sea Directory, vol. IV, 1894, page 293.

W. B. HUDDLESTON, Lieut., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 219.

[Third Publication.]

AUSTRALIA—QUEENSLAND.

Moreton bay—Yellow patch light, sector altered, No. 5 buoy moved.

THE British Admiralty has given notice (No. 476 of 1900) that the following alterations have been made in the lighting and buoyage of Moreton bay:—

- a. Yellow patch light. The southern sector of this light now shows *white* from the bearing of S. 67° E. to S. 83° E.

Approximate position, lat. $27^{\circ} 2'$ S., long. $153^{\circ} 28'$ E.

- b. North-west channel, No. 5 buoy (black, with topmark) has been moved 2 cables S. 56° W. of its former position, to mark a patch with a depth of $17\frac{1}{2}$ feet over it. (*Notice No. 476 of 1900.*)

Approximate position on Chart No. 1670a, lat. $26^{\circ} 57' 35''$ S., long. $153^{\circ} 13' 0''$ E.

(*Variation 9° Easterly in 1900.*)

This Notice affects the following Admiralty Charts:—Danger point to cape Moreton, No. 1029; Moreton bay, No. 1670a; Also, List of Lights, part VI, 1900, No. 1218; and Australia Directory, vol. II, 1898, pages 123, 127.

W. B. HUDDLESTON, Lieut., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 31st August 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, SEPTEMBER 26, 1900.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 240.

[First Publication.]

AUSTRALIA—TORRES STRAIT—INNER ROUTE.

Discoloured water between Percy and High Peak islands.

THE Port Master, Brisbane, has given notice (No. 14 of 1900) that on the 11th August discoloured water was observed between the South-east Islet, Percy Group, and High Peak Island, extending in a West North-west and East South-east direction for about a mile and in a North North-east and South South-west direction for about half-a-mile.

A line drawn from the North-east extreme of the South-east Islet to High Peak Island passes over the discoloured water, from which

High Peak bears South 60° East;

South-east Islet, Northern extremity, bears North 60° West;

Steep Island bears South 4° West.

The locality will be examined at an early date.

Chart affected, No. 346; Australia Directory, vol. 2.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 241.

[First Publication.]

BAY OF BENGAL—COROMANDEL COAST.

Tranquebar flagstaff removed.

THE Presidency Port Officer, Madras, has given notice, dated 29th August 1900, that the flagstaff at Tranquebar no longer exists. It was taken down in 1889.

This Notice affects the following Admiralty Chart:—Madras to Point Calimere, No. 71d: Also, Bay of Bengal Pilot, 1892, 2nd Edition, page 114.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 242.

[First Publication.]

AFRICA, NORTH-EAST—GULF OF ADEN, NORTH SHORE.

Aden harbour—The wreck of the "Anadyr."

THE following Notice to Mariners (No. 76 of 1900) issued by the Bombay Government is republished:—

Information has been received from the Port Officer, Aden, dated 1st September 1900, that the wreck of the *Anadyr* being no longer visible above water, a permanent buoy, painted green, has been placed to mark the site of the wreck.

This Notice affects the following Admiralty Chart:—Aden and adjacent Bays, No. 7: Also, Red Sea and Gulf of Aden Pilot, 4th Edition, 1892, page 380.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 231.

[Second Publication.]

CHINA SEA—THE PHILIPPINES—PANAY ISLAND.

Port Ilo Ilo—New shoal off the fort.

THE British Admiralty has given notice (No. 505 of 1900) of the existence of a shoal of small extent with a depth of 4 fathoms over it, in port Ilo Ilo, situated with the Fort bearing West, distant $3\frac{1}{4}$ cables, and the red light at river entrance, N. 35° W.

This shoal is marked by a conical buoy painted in black and white vertical stripes. (*Notice No. 505 of 1900.*)

Approximate position, lat. $10^{\circ} 41' N.$, long. $122^{\circ} 35' E.$

(*Variation 1° Easterly in 1900.*)

This Notice affects the following Admiralty Chart:—Port Ilo Ilo, on sheet No. 2381: Also, Eastern Archipelago, part I, 1890, page 216; and Revised Supplement, 1898, page 61.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 232

[Second Publication.]

AUSTRALIA, EAST COAST—COOKS PASSAGE.

Shoal in approach reported.

THE British Admiralty has given notice (No. 511 of 1900) that the Master of the schooner *Griffin* reports that his vessel when about 4 miles north-eastward of Cooks passage passed within 50 yards of a shoal patch about 70 yards long and 30 yards broad. The shoal did not appear to have more than a depth of 4 to 5 fathoms over it, but there was no sign of any break.

The bearings taken place this shoal in lat. $14^{\circ} 28' 20'' S.$, long. $145^{\circ} 36' 0'' E.$

NOTE.—As no soundings were obtained, it seems not impossible that this shoal appearance might have been caused by marine animalculæ. (*Notice No. 511 of 1900.*)

This Notice affects the following Admiralty Charts:—Coral sea, No. 2764; Hope islands and Turtle group, No. 2923: Also, Australia Directory, vol. II, 1898, page 377.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 233.

[Second Publication.]

JAPAN, INLAND SEA—IYO NADA.

Gogo sima, Nokutsuna sima—New rocks.

THE British Admiralty has given notice (No. 513 of 1900) of the existence of the undermentioned rocks between Gogo sima and the main land :—

1. A rock with a depth of $2\frac{1}{2}$ fathoms over it, situated with Take sima, Horiyé bay, bearing N. 84° E., distant $9\frac{1}{2}$ cables, and Skumo sima S. 10° E.
 2. A rock named Kyonoishi, with a least depth of $2\frac{1}{2}$ fathoms over it, situated with Si Sima bearing N. 42° E., distant $9\frac{1}{2}$ cables, and south point of Gogo Sima N. 71° W.
 3. A rock named Taka yama ishi, with a least depth over it of 3 fathoms, situated with Si Sima bearing N. 34° E., distant 9 cables, and south point of Gogo Sima N. 70° W.
- The above two rocks (2) and (3) form part of the Yokomakura bank, which is long and irregular in shape and has depths over it of from $3\frac{1}{2}$ to $4\frac{1}{2}$ fathoms. Approximate position, lat. $33^{\circ} 52' N.$, long. $132^{\circ} 41' E.$
4. A sandy patch of small extent, on which there is a depth of $\frac{3}{4}$ fathom, situated on the edge of the shoal bank, southward of Mitsuga Hama with Mitsuga Hama light bearing N. 30° E., distant nearly 6 cables, and south point of Gogo Sima No. 61° W.
 5. A rock southward of Nokutsu Sima, with a depth of $1\frac{1}{2}$ fathoms on it, situated with the east summit of Nokutsuma (Nobotsuna) bearing N. 12° E., distant $4\frac{1}{2}$ cables. (Notice No. 513 of 1900.)

Position, lat. $33^{\circ} 57' 50'' N.$, long. $132^{\circ} 41' 20'' E.$ (Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart :—*Misima Nada and Iyo Nada*, No. 83 ; *Plan of Gogo Sima* on sheet No. 694 : Also, *China Sea Directory*, vol. IV., 1894, page 417.

W. B. HUDDLESTON, LIEUT., R.N.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 234.

[Second Publication.]

AUSTRALIA—SOUTH CHANNEL, PORT CURTIS.

Exhibition lights, and changed position of Gatcombe head light.

WITH reference to Notice to Mariners No. 200, dated the 11th August 1900, issued by this Office, the Port Master, Brisbane, has given further notice (No. 13 of 1900) that, on and after the 8th August, the South Channel into Port Curtis will be lighted for navigation by night, and the light from Gatcombe Head will be exhibited from the new tower erected 450 feet N. by E. from the old structure.

A description of the new lights has already been given in Notice No. 11, and the directions for their use are as follow :—

SOUTH CHANNEL.

By Day.—Vessels bound into the Port of Gladstone, and using the South Channel by day, will bring the leading light beacons, near the Boyne River, in line S. 75° W. before the Jenny Lind bank buoy is reached; continue with them in line until South Trees Point comes in line with Scrubby Mountain N.W. by W. $\frac{1}{2}$ W., then haul up for these marks, keeping them in line, and passing two red buoys on the starboard hand, until abreast of the floating lightboat (at the main entrance of the North Channel), then steer N. 55° W. until abreast of the Black Beacon (marking the limit of the shoal water E.S.E. from South Trees Point), then change course to N. 79° W., passing South Trees Point at a distance of about three cables, and two red buoys on the starboard hand; after the second red buoy is passed (marking the Rich Rock) haul down for the Jetty.

By Night.—Vessels entering the South Channel at night will get on the line of leading lights near the Boyne River before Bustard Head Light bears E.S.E. With the leading lights in line bearing S. 75° W. stand in until the leading lights on Gatcombe Head come into line bearing N. 55° W., when follow these leads until East Point Light is obscured, or until the main light on Gatcombe Head opens out. Then steer N. 69° W. to pass about two cables to the westward of the lightboat marking the inner entrance of North Channel; after passing the lightboat proceed as in directions given for North Channel at night.

NORTH CHANNEL.

By Day.—Same as at present.

By Night.—Bring Gatcombe Head Light to bear S.W. by W. $\frac{1}{2}$ W., and steer in on this course until East Point Light opens out, then haul down S. by W. until Oyster Rock Light comes in sight, then steer to pass about $1\frac{1}{4}$ cables from it, taking care to avoid the shoal bank lying off the land between Settlement Point and Gatcombe Head. After passing the Oyster Rock Light, bring it and Gatcombe Head Light slightly open to the westward and steer to pass the floating white light close on the starboard hand.

A vessel when passing the floating white light will be in the main channel, and a N.W. by W. $\frac{1}{4}$ W. course should be steered up the harbour until the small light at the pilot's cottage at Gatcombe Head opens out on an E. by S. $\frac{3}{4}$ S. bearing when a vessel may be kept away, being clear of the elbow of the bank and of South Trees Point while the light is in sight.

Before rounding South Trees Point the light at the foot of Auckland Point will be seen. Keep the light open and steer to pass it at a cable's length, and after it changes to red continue until the two red beaçon lights are in line, when haul up to enter the creek.

Since the tides run with a velocity of from $1\frac{1}{2}$ to $2\frac{1}{2}$ knots an hour, due caution will have to be observed and a proper allowance made for tidal influence when navigating this channel.

Chart affected, 1900; Australia Directory, vol. 2.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 235.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

Shortt's island light.

WITH reference to Notice to Mariners No. 215, dated the 31st August 1900, issued by this office, a further telegraphic communication has been received from the Port Officer, Chandbally, stating that a sixth order dioptric fixed light will be exhibited from a masonry tower, Shortt's island, from the night of the 13th September, visible 10 miles in clear weather, between the bearings of North through East to East-South-east, magnetic.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 236.

[Second Publication.]

AFRICA, EAST—PORT OF MOMBASSA.

A fixed white light at Ras Serani.

THE Port Officer, Mombassa, has given notice, dated 23rd August 1900, that a fixed white light visible at a distance of about 12 miles will be exhibited shortly at Ras Serani. The light will be hoisted on a steel mast 60 feet high placed at the back of the inner pillar, visible from about N. 60° E. through E. to S. 20° W.

Further particulars will be published as soon as the light has been erected and put into working order.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 237.

[Second Publication.]

INDIA, SOUTH—CEYLON COAST—POINT DE GALLE HARBOUR.

Neptune bastion—Lloyd's signal station established.

THE British Admiralty has given notice (No. 519 of 1900) that the Committee of Lloyd's have given Notice, dated 1st July 1900, that a signal station has been established at Neptune bastion, Point de Galle harbour, to which, any vessel requiring to be reported at night, should make the night signal of her line.

Vessels passing Point de Galle harbour at night, and wishing to indicate that they are calling at Colombo, should show a red light aft in addition to the night signal.

Arrangements have also been made at this station for immediate delivery to vessels at night, weather permitting, of orders for them; the charge for doing this being 20 rupees.

During the day orders will be signalled to vessels on the usual conditions.

The charges for reports from this station are, Day, 10d. each, Night, 1s. 3d., in addition to the cost of the telegram. (*Notice No. 519 of 1900.*)

Approximate position, lat. $6^{\circ} 2' N.$, long. $80^{\circ} 12' E.$

This Notice affects the following Admiralty Charts:—Ceylon, South coast, No. 813; Point de Galle harbour, Nos. 819, 820; Also, List of Lights, part VI, 1900, No. 297; West coast of Hindustan Pilot, 1898, page 83, and Bay of Bengal Pilot, 1892, page 57.

W. B. HUDDLESTON, LIEUT., R.N.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 238

[Second Publication.]

PACIFIC OCEAN—MARIANA OR LADRONE ISLANDS.

Position of Urracas islands.

THE British Admiralty has given notice (No. 520 of 1900) that the Urracas islands are shown too far to the northward on the Admiralty Charts. The question of the position of those islands has recently been discussed with the following results:—

No observations appear to have been taken actually on the islands themselves, but La Perouse, in 1786, placed Assumption island, off which he anchored, in lat. $19^{\circ} 45' N.$

From a running survey executed by Captain Beechy, H. M. S. *Blossom*, in 1827, it would appear that the Urracas islands are situated 17 miles N. $25^{\circ} W.$ (true) from Assumption island; this would place them in lat. $20^{\circ} 0' N.$, long. $145^{\circ} 21' E.$ As this agrees with the latest reports received by the United States Government, these islands have been placed in this position on the Admiralty Charts. (*Notice No. 520 of 1900.*)

This Notice affects the following Admiralty Charts:—Pacific Ocean, No. 781, Mariana islands, No. 1101; Also, China Sea Directory, vol. IV, 1894, page 202.

W. B. HUDDLESTON, LIEUT., R.N.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 239.

[Second Publication.]

CHINA—CANTON RIVER—THE BROADWAY.

Moto island—Shoal off—Decreased depth extending.

THE British Admiralty has given notice (No. 523 of 1900) that Captain Lana, H.I.M.S. *Itlis*, reports that, owing to the decreased depths of water, his vessel, drawing 12 feet, was unable to proceed further up the river than Moto island, a depth of 6 feet having been obtained with Moto fort bearing N. $23^{\circ} E.$, distant 7 cables, and south extreme of Moto island, East.

From this it would appear that the bank between Moto mun and Moto island is extending to the southward. (*Notice No. 523 of 1900.*)

Approximate position, lat. $22^{\circ} 17' N.$, long. $113^{\circ} 20\frac{1}{2}' E.$

(*Variation 1° Easterly in 1900.*)

This Notice affects the following Admiralty Charts:—Hui ling can to Hongkong, No. 2212; Canton river, No. 2562; Also, China Sea Directory, vol. III, 1894, pages 84, 117; and Supplement, 1898, page 11.

W. B. HUDDLESTON, LIEUT., R.N.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 220.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

China Buckeer light.

IN continuation of Notice to Mariners No. 123, dated the 12th May 1900, issued by this office, the Port Officer, Rangoon, has given further information, dated 31st August 1900, that the light on China Buckeer will be discontinued on the 15th November 1900, and a light will be exhibited from a light-vessel anchored 2 miles to the south-east (true) of the present China Buckeer light-house.

The light will be group flashing alternate red and white flashes every 45 seconds, each flash being of 5 seconds duration and visible 12 miles.

The light-vessel will be painted red with one mast, at which is hoisted a black cone and the words "China Buckeer" painted on each side.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 221.

[Third Publication.]

INDIA, WEST—BOMBAY COAST.

(1) *Miria bay buoy adrift.*

THE following Notices to Mariners (No. 69 of 1900), issued by the Bombay Government, is republished:—

Information, dated 21st August 1900, has been received from the Commissioner of Customs, Salt, Opium and Abkari, that the Miria bay buoy has gone adrift.

Notice of its replacement will be given.

This Notice affects the following Admiralty Chart:—Ratnagiri, Miria and Kalbadavie Bays; also West Coast of Hindustan Pilot, 4th Edition, 1898, page 179.

(2) *Harnai light—Alteration in character.*

Information has been received from the Commissioner of Customs, Salt, Opium and Abkari, dated 21st August 1900, that the occulting red light at Harnai will be shown as a fixed red light until further notice.

This Notice affects the following Admiralty Charts:—Karachi to Vengurla, No. 826; Gulf of Kutch to Viziadurg, No. 2736, and Kundari to Boria Pagoda, No. 738: Also, Light List, Part VI, 1900, page 38, No. 242a.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 222.

[Third Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH-WEST COAST.

Pulo Datu—Reef to the southward.

THE British Admiralty has given notice (No. 486 of 1900) of the existence of a reef with a depth over it of less than 16 feet, situated 7 miles southward of pulo Datu, in approximately lat. $0^{\circ} 1' S.$, long. $108^{\circ} 36' E.$ (Notice No. 486 of 1900.)

This Notice affects the following Admiralty Charts:—China Sea, No. 2660a; Eastern Archipelago, No. 941a: Also, China Sea Directory, vol. II, 1899, page 46.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 223.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river—Leading lights established southward of Syriam point.

THE British Admiralty has given notice (No. 487 of 1900) that two *white fixed* leading lights have been established to the southward of Syriam point, on the east bank of Rangoon river; the front light is situated $6\frac{1}{2}$ cables S. 10° E. from the extreme of Syriam point; the rear light bears S. 71° E. from the front light.

Approximate position, front light, lat. $16^{\circ} 45' 0''$ N., long. $96^{\circ} 13' 10''$ E.

The above two lights in line S. 71° E. lead over the Hastings shoal. (*Notice No. 487 of 1900.*)

(*Variation 1° Easterly in 1900.*)

This Notice affects the following Admiralty Chart:—Rangoon river, No. 833: Also, List of Lights, part VI, 1900, page 60; and Bay of Bengal Pilot, 1892, page 331.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 224.

[Third Publication.]

CHINA, EAST COAST—HONG KONG.

Tailong head light—Shown in error in Chart No. 1964.

THE British Admiralty has given notice (No. 488 of 1900) that as Tailong head light appears in error on certain copies of Admiralty Chart, No. 1964, notice is hereby given that the light should be erased from that chart. (*Notice No. 488 of 1900.*)

Approximate position, lat. $22^{\circ} 12' 50''$ N., long. $114^{\circ} 15' 50''$ E.

This Notice affects the following Admiralty Chart:—Mir's bay, No. 1964.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 225.

[Third Publication.]

PERSIAN GULF—NÁBIYU FARÚR.

Bank to the southward.

THE British Admiralty has given notice (No. 489 of 1900) of the existence of a bank with a depth over it of 8 fathoms, hard bottom, situated at a distance of $1\frac{1}{4}$ miles, S. 22° W. from Nábiyu Farúr.

Approximate position, lat. $26^{\circ} 6'$ N., long. $54^{\circ} 26'$ E.

This bank apparently was not examined; there may therefore be less water over it, (*Notice No. 489 of 1900.*)

(*Variation Nil in 1900.*)

This Notice affects the following Admiralty Chart:—Persian gulf, No. 2837a: Also Persian Gulf Pilot, 1898, page 236.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 226.

[Third Publication.]

AUSTRALIA—NORTH-WEST AND NORTH COASTS.

Shoals—Examination of and search for—.

THE British Admiralty has given notice (No. 494 of 1900) that information, dated 30th May 1900, has been received from Commander J. W. Combe, H.M. Surveying Vessel *Penguin*, respecting the examination of the undermentioned shoals, and the unsuccessful search for others off the north-west and north coasts of Australia:—

1. MONEY SHOAL is of coral formation, very flat, extending $3\frac{1}{2}$ miles E.N.E. and W.S.W. by $1\frac{1}{2}$ miles wide, with a general depth of 5 to 6 fathoms over it. There are several patches of 18 feet on its eastern edge, the easternmost being in approximately lat. $10^{\circ} 21' 25''$ S., long. $132^{\circ} 45' 50''$ E.
During fresh easterly winds the shoal was seen to break.
2. MARIE SHOAL, composed of sand and coral, is 2 miles long N.N.W. and S.S.E., and 1 mile broad, with a general depth of from 5 to 7 fathoms over it. The least depth is 20 feet, situated about the middle of its western edge, in approximately lat. $10^{\circ} 55' 20''$ S., long. $130^{\circ} 06' 15''$ E.
This shoal is surrounded by depths of 25 and 35 fathoms.
3. BROWSE ISLET. The position of this islet (centre) is approximately in lat. $14^{\circ} 07' 0''$ S., long. $123^{\circ} 33' 25''$ E.
4. VULCAN SHOAL is of live coral formation, 3 miles long W. by N. and E. by S., and 1 mile wide, with general depths of from 8 to 12 fathoms over it, the least depth being 5 fathoms situated near the western end in approximately lat. $12^{\circ} 49' 5''$ S., long. $124^{\circ} 16' 15''$ E.
This shoal is surrounded by depths of 50 and 90 fathoms.
5. HEYWOOD SHOAL is also of live coral, $3\frac{1}{2}$ miles long N.W. and S.E., and 2 miles broad, with general depths over it of from 9 to 15 fathoms. The least depths of 6 fathoms is situated near its south-east end in approximately lat. $13^{\circ} 28' 55''$ S., long. $124^{\circ} 03' 25''$ E.
Deep water of from 30 to 50 fathoms surrounds the bank.

The above two shoals (4 and 5) were discovered in 1801 by Captain P. Heywood, H.M. Bomb *Vulcan*, and do not appear to have been seen since that date.

The undermentioned shoals have been searched for without success:—

- (a) INDUS SHOAL in approximately lat. $10^{\circ} 17'$ S., long. $131^{\circ} 06'$ E. An area of 120 square miles in this vicinity was sounded over in fine weather, the general depths obtained being from 45 to 52 fathoms mud bottom, without any indication of shoal water. The original report of this shoal being somewhat vague, it is considered that it does not exist, and it has in consequence been erased from the Charts.
- (b) LYNHER REEF in approximately lat. $15^{\circ} 26'$ S., long. $121^{\circ} 55'$ E. This position was sounded over, a depth of 21 fathoms being obtained near the spot; P.D. has therefore been placed against this reef on the Chart, pending further investigations.
- (d) The shallow line of soundings reported by "LE SCORFF" in approximately lat. $10^{\circ} 37'$ S., long. $139^{\circ} 27'$ E.
- (e) The shallow line of soundings reported by "DURANCE" in approximately lat. $10^{\circ} 53'$ S., long. $138^{\circ} 45'$ E. (Notice No. 494 of 1900.)

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—Australia, northern portion, No. 2759a; North-west coast of Australia, No. 475; Cape Ford to Buccaneer Archipelago, No. 1047; Gulf of Carpentaria, Nos. 1043, 1044; Western approaches to Torres Strait, No. 447; Also, Australia Directory, vol. III, 1895, pages 49, 247, 249; and Supplement, 1898, relating to that work, page 2.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 227.

[Third Publication.]

KOREA, EAST COAST—COMMEMORATION BAY.

Position of a sunken rock.

THE British Admiralty has given notice (No. 496 of 1900) of the existence of a rock, over which there is a depth of $2\frac{1}{2}$ fathoms, situated at a distance of 4 cables N. 25° E. from Datsan island, Commemoration bay (Urusan-Ko), in lat. $35^{\circ} 31' 40''$ N., long. $129^{\circ} 26' 55''$ E. (Notice No. 496 of 1900.)

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—Commemoration bay, on Sheet No. 1259: Also, China Sea Directory, vol. IV, 1894, page 138.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 10th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 228.

[Third Publication.]

KOREA, SOUTH-WEST COAST—MURRAY AND LYNE SOUNDS.

Shoals.

THE British Admiralty has given notice (No. 497 of 1900) of the existence of the following shoals off the south-west coast of Korea:—

- (a) A patch of fine sand with a depth of $2\frac{1}{2}$ fathoms over it, in lat. $34^{\circ} 14' 55''$ N., long. $126^{\circ} 0' 50''$ E.
- (b) A sandy shoal, named Gyuzi, with depths over it of from $3\frac{1}{2}$ to $4\frac{1}{2}$ fathoms, and about $4\frac{1}{2}$ cables long, north and south, and 1 to $3\frac{1}{2}$ cables broad. The south extremity, with a depth of 4 fathoms over it, steep to on the east and west sides, is situated with the isolated rock about one mile northward of Kacha Do, bearing N. $7\frac{1}{2}^{\circ}$ E., distant $6\frac{3}{10}$ miles, in lat. $34^{\circ} 28' 20''$ N., long. $125^{\circ} 55'$ E. (Notice No. 497 of 1900.)

(Variation 3° Westerly in 1900.)

This Notice affects the following Admiralty Chart:—Korea Archipelago, No. 104: Also, China Sea Directory, vol. IV, 1894, pages 86, 79; and Supplement, 1898, pages 4 and 5.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 10th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 229.

[Third Publication.]

CHINA, EAST—YANG TSE KIANG APPROACH.

Gutzlaff light—Character altered.

THE British Admiralty has given notice (No. 503 of 1900) that the character of Gutzlaff light has been altered from white fixed to white flashing every five seconds, elevated 283 feet above high water, and visible in clear weather from a distance of 24 miles.

It is shown from a steel tower, 46 feet high, erected on the eastern summit of the island about 50 yards N. 77° E. from the site of the old tower. (*Notice No. 503 of 1900.*)

Approximate position, lat. 30° 48' N., long. 122° 10' E.

(*Variation 2° Westerly in 1900.*)

This Notice affects the following Admiralty Charts:—Hongkong to Liautung gulf, No. 1262; Amoy to Nagasaki, No. 2412; Kue shan islands, &c., No. 1199; Approaches to Yang tse kiang, Nos. 1124, 1602; Also, List of Lights, part VI, 1900, No. 734; China Sea Directory, vol. III, 1894, page 379; and Supplement, 1895, page 24.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 230.

[Third Publication.]

CHINA—EAST COAST.

Namoa island—Shoal ground eastward of Glengyle rock.

THE British Admiralty has given notice (No. 504 of 1900) that Mr. D. Mackenzie Master of of S.S. *Kweilin*, reports that on 4th June 1900, his vessel, drawing about 14 feet struck on a shoal, which, from the bearings given, would place it in the proximity of the Glengyle rock; the danger line around that rock has therefore been extended on the chart for a distance of 3 cables eastward to lat. 23° 24' 15" N., long. 117° 9' 0" E. (*Notice No. 504 of 1900.*)

This Notice affects the following Admiralty Chart:—Namoa island, No. 1957; Also, China Sea Directory, vol. III, 1894, page 156.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 10th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, OCTOBER 3, 1900.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 243.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river—(1) Spit Tongue—(2) Liffey Reach—(3) DeSilva shoal.

THE Port Officer, Rangoon, has given notice of the following changes:—

(1) *Spit Tongue—Extension of—.*

Dated 3rd September.

The three-fathom line of the Spit Tongue has extended about $2\frac{1}{2}$ cables S. by E., and the extreme east point of the Tongue is now 200 yards due east of the Spit Tongue buoy.

(2) *Liffey Reach—A fourteen-feet lump discovered.*

Dated 4th September.

A fourteen-feet lump has been discovered in the Liffey Reach and fairly in the centre of the channel. It lies W. by N. (true) of the mouth of the Tanwet Choung creek in the following bearings (true):—

| | | | | | |
|---------------|-----|-----|-----|-----|-----------|
| Shwe Dagon | ... | ... | ... | ... | N. 40° W. |
| Syriam pagoda | ... | ... | ... | ... | N. 76° E. |

and is marked by a second class black Conical buoy laid in 22 feet of water reduced 30 yards to the eastward of the patch.

Vessels should keep to the eastward of the buoy, as the water to the westward is doubtful, another lump of 14 feet having been found there.

(3) *DeSilva Shoal—A Can buoy placed.*

Dated 5th September.

A first class can buoy painted black has been laid at the elbow of DeSilva shoal in 18 feet of water reduced on the following bearings (true) from the buoy:—

| | | | | | |
|---------------------------------|-----|-----|-----|-----|--------------|
| Red beacon | ... | ... | ... | ... | N. 29° 00 E. |
| North beacon | ... | ... | ... | ... | N. 7° 00 E. |
| Tide Gauge—Choki point | ... | ... | ... | ... | N. 28° 10 N. |
| Tree beacon above DeSilva point | ... | ... | ... | ... | N. 49° 00 W. |
| South beacon | ... | ... | ... | ... | South. |

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

O. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 28th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 244.

[First Publication.]

PACIFIC OCEAN—THE PHILIPPINES, NORTH COAST—BABUYAN ISLANDS.

Mabak island—Shoal ledge extending from—.

THE British Admiralty has given notice (No. 538 of 1900) that a narrow shoal ledge is reported to extend for about three-quarters of a mile in a north-westerly direction from the west end of Mabak island.

Position, Mabak island, west point, lat. $18^{\circ} 53' N.$, long. $121^{\circ} 15' E.$

NOTE.—On the plan of Musa bay on Chart 2454 the longitude of the N.E. point of Mabak island is incorrectly given as $110^{\circ} 15' 50'' E.$; it should be $121^{\circ} 15' 50'' E.$ (Notice No. 538 of 1900.)

This Notice affects the following Admiralty Chart:—Luzon island, No. 2454; Also, China Sea Directory, vol. III, 1894, page 227; and Eastern Archipelago, part I, 1890, page 335.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 245.

[First Publication.]

PACIFIC OCEAN—THE PHILIPPINES—BURIAS ISLAND.

Shoal to the westward of Gorrión island.

THE British Admiralty has given notice (No. 540 of 1900) that a shoal is reported to exist at a distance of $4\frac{1}{2}$ miles N. $78^{\circ} W.$ from Gorrión island. It has been placed on the charts as a rock with less than 6 feet over it in this position. (Notice No 540 of 1900.)

Approximate position, lat. $12^{\circ} 50' N.$, long. $123^{\circ} 10' E.$

(Variation Nil in 1900.)

This Notice affects the following Admiralty Charts:—Philippine islands, No. 943; St. Bernardino and Mindoro straits, No. 2577; Also, Eastern Archipelago, part I, 1890, pages 308, 310.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 246.

[First Publication.]

EASTERN ARCHIPELAGO—BORNEO, EAST COAST.

Shoal reported southward of Ligitan island.

THE British Admiralty has given notice (No. 541 of 1900) that Mr. Kynoch, Master of the S.S. *Mansang*, reports that his vessel, drawing 16 feet, touched on and passed over a shoal situated with the west extreme of Ligitan island bearing N. $16^{\circ} W.$, and Sipidan island centre, S. $87^{\circ} W.$ As a very slight error in the bearing of Sipidan island (distant 16 miles) would make a considerable difference in the position of the ship, and as it is improbable that a shoal exists outside the bank extending from Ligitan island, but possible that one may be situated on the edge of the 100-fathom line, a shoal of $2\frac{1}{2}$ fathoms has been placed on the Chart with the west extreme of Ligitan island bearing N. $16^{\circ} W.$, distant $2\frac{1}{2}$ miles, in lat. $4^{\circ} 7' 35'' N.$, long. $118^{\circ} 53' 40'' E.$ (Notice No. 541 of 1900.)

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—China sea, No. 2660 (b); Sulu Archipelago, No. 2576; Sibuko bay, No. 1681; Also, Eastern Archipelago, part I, 1890, page 188; and Revised Supplement, 1898, page 48.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 247.

[First Publication.]

PACIFIC OCEAN—THE PHILIPPINES, BASILAN STRAIT.

Sakol island—Shoal on the north side.

THE British Admiralty has given notice (No. 543 of 1900) that a shoal of coral and sand, with a depth over it of 9 feet, is reported to exist with the north end of Sakol island (in line with north end of Tulnalutan island) bearing S. 84° E., distant 14 cables, and the north-west extreme of the same island S. 51° W. (*Notice No. 543 of 1900.*)

Approximate position, lat. 7° 0' N., long. 122° 14'E.

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Chart:—Basilan strait, No. 961: Also, Eastern Archipelago, part I, 1890, page 99.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 248.

[First Publication.]

CHINA—SHANTUNG—KYAU CHAU BAY.

Yu nui san—Intended light.

THE British Admiralty has given notice (No. 544 of 1900) that in September 1900, at the earliest an electric *white* light, visible from a distance of 16 miles, will be exhibited from a lighthouse being constructed on Yu nui san, Kyau chau bay.

Yu nui san light will show *white occulting* (light, one second; eclipse, one second) over an arc of 30°; *white fixed* over an arc of 12°; *white group occulting* (light, one second; eclipse, one second; light, one second; eclipse, three seconds), over an arc of 278°; and will be obscured over an arc of 40°. (*Notice No. 544 of 1900.*)

Approximate position, lat. 36° 2½' N., long. 120° 17½' E.

Further notice will be given when particulars are received.

This Notice affects the following Admiralty Chart:—Kyau chau bay, No. 857: Also, List of Lights, part VI, 1900, page 130; and China Sea Directory, vol. III, 1894, page 522; and Supplement, 1898, page 28.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 249.

[First Publication.]

PACIFIC OCEAN—THE PHILIPPINES—MINDANAO-SIBUGUEI BAY.

Circe and other shoals—Particulars of—.

THE British Admiralty has given notice (No. 548 of 1900) of the following particulars of the Circe and other shoals in Sibuguei bay:—

- (a) Circe shoal, composed of sand and coral, is one mile long, N.N.W. and S.S.E. and half a mile broad, with a least depth over it of 3 fathoms, from which Pandalusan island bears N. 2° W., distant 11 miles, and south point of Olutanga island S. 83° E.
- (b) A shoal, the depth on which is not stated, and which has therefore been marked on the Admiralty Chart as a rock with less than 6 feet, exists with Pandalusan island bearing N. 2° E., distant 4½ miles.
- (c) A V-shaped reef extends from Pandalusan island in a south-easterly direction for a distance of 1½ miles.

(d) The shoal $4\frac{1}{2}$ miles N. 10° E. from Pandalusan island is awash. To the northward of this shoal, as far as Kabut islands, reefs extend from the coast for a distance of from 1 to 2 miles. (*Notice No. 548 of 1900.*)

Approximate position, Pandalusan island, lat. $7^{\circ} 28' N.$, long. $122^{\circ} 39' E.$

(*Variation 1° Easterly in 1900.*)

This Notice affects the following Admiralty Charts:—Sulu archipelago, No. 2576; Sulu sea, No. 2578; Also, Eastern Archipelago, part I, 1890, page 356; and Revised Supplement, 1898, page 69.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 28th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 240.

[Second Publication.]

AUSTRALIA—TORRES STRAIT—INNER ROUTE.

Discoloured water between Percy and High Peak islands.

THE Port Master, Brisbane, has given notice (No. 14 of 1900) that on the 11th August discoloured water was observed between the South-east Islet, Percy Group, and High Peak Island, extending in a West North-west and East South-east direction for about a mile and in a North North-east and South South-west direction for about half-a-mile.

A line drawn from the North-east extreme of the South-east Islet to High Peak Island passes over the discoloured water, from which

High Peak bears South 60° East;

South-east Islet, Northern extremity, bears North 60° West;

Steep Island bears South 4° West.

The locality will be examined at an early date.

Chart affected, No. 346; Australia Directory, vol. 2.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 24th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 241.

[Second Publication.]

BAY OF BENGAL—COROMANDEL COAST.

Tranquebar flagstaff removed.

THE Presidency Port Officer, Madras, has given notice, dated 29th August 1900, that the flagstaff at Tranquebar no longer exists. It was taken down in 1889.

This Notice affects the following Admiralty Chart:—Madras to Point Calimere, No. 71d: Also, Bay of Bengal Pilot, 1892, 2nd Edition, page 114.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 24th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 242.

[Second Publication.]

AFRICA, NORTH-EAST—GULF OF ADEN, NORTH SHORE.

Aden harbour—The wreck of the "Anadyr."

The following Notice to Mariners (No. 76 of 1900) issued by the Bombay Government is republished:—

Information has been received from the Port Officer, Aden, dated 1st September 1900, that the wreck of the *Anadyr* being no longer visible above water, a permanent buoy, painted green, has been placed to mark the site of the wreck.

This Notice affects the following Admiralty Chart:—*Aden and adjacent Bays*, No. 7: Also *Red Sea and Gulf of Aden Pilot*, 4th Edition, 1892, page 380.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 231.

[Third Publication.]

CHINA SEA—THE PHILIPPINES—PANAY ISLAND.

Port Ilo Ilo—New shoal off the fort.

The British Admiralty has given notice (No. 505 of 1900) of the existence of a shoal of small extent with a depth of 4 fathoms over it, in port Ilo Ilo, situated with the Fort bearing West, distant $3\frac{1}{4}$ cables, and the red light at river entrance, N. 35° W.

This shoal is marked by a conical buoy painted in black and white vertical stripes. (Notice No. 505 of 1900.)

Approximate position, lat. $10^{\circ} 41' N.$, long. $122^{\circ} 35' E.$

(Variation 1° Easterly in 1900.)

This Notice affects the following Admiralty Chart:—*Port Ilo Ilo*, on sheet No. 2391: Also, *Eastern Archipelago*, part I, 1890, page 216; and *Revised Supplement*, 1898, page 61.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 232.

[Third Publication.]

AUSTRALIA, EAST COAST—COOKS PASSAGE.

Shoal in approach reported.

The British Admiralty has given notice (No. 511 of 1900) that the Master of the schooner *Griffin* reports that his vessel when about 4 miles north-eastward of Cooks passage passed within 50 yards of a shoal patch about 70 yards long and 30 yards broad. The shoal did not appear to have more than a depth of 4 to 5 fathoms over it, but there was no sign of any break.

The bearings taken place this shoal in lat. $14^{\circ} 28' 20'' S.$, long. $145^{\circ} 36' 0'' E.$

NOTE.—As no soundings were obtained, it seems not impossible that this shoal appearance might have been caused by marine animalculæ. (Notice No. 511 of 1900.)

This Notice affects the following Admiralty Charts:—*Coral sea*, No. 2764; *Hope islands and Turtle group*, No. 2923: Also, *Australia Directory*, vol. II, 1898, page 377.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 233.

[Third Publication.]

JAPAN, INLAND SEA—IYO NADA.

Gogo sima, Nokutsuna sima—New rocks.

THE British Admiralty has given notice (No. 513 of 1900) of the existence of the undermentioned rocks between Gogo sima and the main land :—

1. A rock with a depth of $2\frac{1}{2}$ fathoms over it, situated with Take sima, Horiyé bay, bearing N. 84° E., distant $9\frac{1}{2}$ cables, and Skumo sima S. 10° E.
2. A rock named Kyonoishi, with a least depth of $2\frac{3}{4}$ fathoms over it, situated with Si Sima bearing N. 42° E., distant $9\frac{1}{2}$ cables, and south point of Gogo Sima N. 71° W.
3. A rock named Taka yama ishi, with a least depth over it of 3 fathoms, situated with Si Sima bearing N. 34° E., distant 9 cables, and south point of Gogo Sima N. 70° W.

The above two rocks (2) and (3) form part of the Yokomakura bank, which is long and irregular in shape and has depths over it of from $3\frac{1}{2}$ to $4\frac{3}{4}$ fathoms. Approximate position, lat. $33^{\circ} 52'$ N., long. $132^{\circ} 41'$ E.

4. A sandy patch of small extent, on which there is a depth of $\frac{3}{4}$ fathom, situated on the edge of the shoal bank, southward of Mitsuga Hama with Mitsuga Hama light bearing N. 30° E., distant nearly 6 cables, and south point of Gogo Sima No. 61° W.
5. A rock southward of Nokutsu Sima, with a depth of $1\frac{1}{2}$ fathoms on it, situated with the east summit of Nokutsuma (Nobotsuna) bearing N. 12° E., distant $4\frac{1}{2}$ cables. (Notice No. 513 of 1900.)

Position, lat. $33^{\circ} 57' 50''$ N., long. $132^{\circ} 41' 20''$ E.

(Variation 4° Westerly in 1900.)

This Notice affects the following Admiralty Chart :—*Misima Nada and Iyo Nada*, No. 83; *Plan of Gogo Sima* on sheet No. 694; Also, *China Sea Directory*, vol. IV., 1894, page 417.

W. B. HUDDLESTON, LÆUT., R.N.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th September 1900.

C. B. BAYLEY,
Asst. Secg., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 234.

[Third Publication.]

AUSTRALIA—SOUTH CHANNEL, PORT CURTIS.

Exhibition lights, and changed position of Gatecombe head light.

WITH reference to Notice to Mariners No. 200, dated the 11th August 1900, issued by this Office, the Port Master, Brisbane, has given further notice (No. 13 of 1900) that, on and after the 8th August, the South Channel into Port Curtis will be lighted for navigation by night, and the light from Gatecombe Head will be exhibited from the new tower erected 450 feet N. by E. from the old structure.

A description of the new lights has already been given in Notice No. 11, and the directions for their use are as follow :—

SOUTH CHANNEL.

By Day.—Vessels bound into the Port of Gladstone, and using the South Channel by day, will bring the leading light beacons, near the Boyne River, in line S. 75° W. before the Jenny Lind bank buoy is reached; continue with them in line until South Trees Point comes in line with Scrubby Mountain N.W. by W. $\frac{1}{2}$ W., then haul up for these marks, keeping them in line, and passing two red buoys on the starboard hand; until abreast of the floating lightboat (at the main entrance of the North Channel), then steer N. 55° W. until abreast of the Black Beacon (marking the limit of the shoal water E.S.E. from South Trees Point), then change course to N. 79° W., passing South Trees Point at a distance of about three cables, and two red buoys on the starboard hand; after the second red buoy is passed (marking the Rich Rock) haul down for the Jetty:

By Night.—Vessels entering the South Channel at night will get on the line of leading lights near the Boyne River before Bustard Head Light bears E.S.E. With the leading lights in line bearing S. 75° W. stand in until the leading lights on Gatecombe Head come into line bearing N. 55° W., when follow these leads until East Point Light is obscured, or until the main light on Gatecombe Head opens out. Then steer N. 69° W. to pass about two cables to the westward of the lightboat marking the inner entrance of North Channel; after passing the lightboat proceed as in directions given for North Channel at night.

NORTH CHANNEL.

By Day.—Same as at present.

By Night.—Bring Gatecombe Head Light to bear S.W. by W. $\frac{1}{2}$ W., and steer in on this course until East Point Light opens out, then haul down S. by W. until Oyster Rock Light comes in sight, then steer to pass about $1\frac{1}{4}$ cables from it, taking care to avoid the shoal bank lying off the land between Settlement Point and Gatecombe Head. After passing the Oyster Rock Light, bring it and Gatecombe Head Light slightly open to the westward and steer to pass the floating white light close on the starboard hand.

A vessel when passing the floating white light will be in the main channel, and a N.W. by W. $\frac{1}{2}$ W. course should be steered up the harbour until the small light at the pilot's cottage at Gatecombe Head opens out on an E. by S. $\frac{3}{4}$ S. bearing when a vessel may be kept away, being clear of the elbow of the bank and of South Trees Point while the light is in sight.

Before rounding South Trees Point the light at the foot of Auckland Point will be seen. Keep the light open and steer to pass it at a cable's length, and after it changes to red continue until the two red beacon lights are in line, when haul up to enter the creek.

Since the tides run with a velocity of from $1\frac{1}{2}$ to $2\frac{1}{2}$ knots an hour, due caution will have to be observed and a proper allowance made for tidal influence when navigating this channel.

Chart affected, 1900; Australia Directory, vol. 2.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 235.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

Shortt's island light.

WITH reference to Notice to Mariners No. 215, dated the 31st August 1900, issued by this office, a further telegraphic communication has been received from the Port Officer, Chandbally, stating that a sixth order dioptric fixed light will be exhibited from a masonry tower, Shortt's island, from the night of the 13th September, visible 10 miles in clear weather, between the bearings of North through East to East-South-east, magnetic.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 236.

[Third Publication.]

AFRICA, EAST—PORT OF MOMBASSA.

A fixed white light at Ras Serani.

THE Port Officer, Mombassa, has given notice, dated 23rd August 1900, that a fixed white light visible at a distance of about 12 miles will be exhibited shortly at Ras Serani. The light will be hoisted on a steel mast 60 feet high placed at the back of the inner pillar, visible from about N. 60° E. through E. to S. 20° W.

Further particulars will be published as soon as the light has been erected and put into working order.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 237.

[Third Publication.]

INDIA, SOUTH—CEYLON COAST—POINT DE GALLE HARBOUR.

Neptune bastion—Lloyd's signal station established.

THE British Admiralty has given notice (No. 519 of 1900) that the Committee of Lloyd's have given Notice, dated 1st July 1900, that a signal station has been established at Neptune bastion, Point de Galle harbour, to which, any vessel requiring to be reported at night, should make the night signal of her line.

Vessels passing Point de Galle harbour at night, and wishing to indicate that they are calling at Colombo, should show a red light aft in addition to the night signal.

Arrangements have also been made at this station for immediate delivery to vessels at night, weather permitting, of orders for them; the charge for doing this being 20 rupees.

During the day orders will be signalled to vessels on the usual conditions.

The charges for reports from this station are, Day, 10d. each, Night, 1s. 3d., in addition to the cost of the telegram (*Notice No. 519 of 1900.*)

Approximate position, lat. $6^{\circ} 2' N.$, long. $80^{\circ} 12' E.$

This Notice affects the following Admiralty Charts:—Ceylon, South coast, No. 813; Point de Galle harbour, Nos. 819, 820; Also, List of Lights, part VI, 1900, No. 297; West coast of Hindustan Pilot, 1898, page 83, and Bay of Bengal Pilot, 1892, page 57.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th September 1900

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 238

[Third Publication.]

PACIFIC OCEAN—MARIANA OR LADRONE ISLANDS.

Position of Urracas islands.

THE British Admiralty has given notice (No. 520 of 1900) that the Urracas islands are shown too far to the northward on the Admiralty Charts. The question of the position of those islands has recently been discussed with the following results:—

No observations appear to have been taken actually on the islands themselves, but La Perouse, in 1786, placed Assumption island, off which he anchored, in lat. $19^{\circ} 45' N.$

From a running survey executed by Captain Beechy, H. M. S. *Blossom*, in 1827, it would appear that the Urracas islands are situated 17 miles N. $25^{\circ} W.$ (true) from Assumption island; this would place them in lat. $20^{\circ} 0' N.$, long. $145^{\circ} 21' E.$ As this agrees with the latest reports received by the United States Government, these islands have been placed in this position on the Admiralty Charts. (*Notice No. 520 of 1900.*)

This Notice affects the following Admiralty Charts:—Pacific Ocean, No. 781, Mariana islands, No. 1101; Also, China Sea Directory, vol. IV, 1894, page 202.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 239.

[Third Publication.]

CHINA—CANTON RIVER—THE BROADWAY.

Moto island—Shoal off—Decreased depth extending.

THE British Admiralty has given notice (No. 523 of 1900) that Captain Lans, H.I.M.S. *Itlis*, reports that, owing to the decreased depths of water, his vessel, drawing 12 feet, was unable to proceed further up the river than Moto island, a depth of 6 feet having been obtained with Moto fort bearing N. $23^{\circ} E.$, distant 7 cables, and south extreme of Moto island, East.

From this it would appear that the bank between Moto mun and Moto island is extending to the southward. (*Notice No. 523 of 1900.*)

Approximate position, lat. $22^{\circ} 17' N.$, long. $113^{\circ} 20\frac{1}{2}' E.$

(*Variation 1° Easterly in 1900.*)

This Notice affects the following Admiralty Charts:—Hui ling san to Hongkong, No. 2212; Canton river, No. 2562; Also, China Sea Directory, vol. III, 1894, pages 84, 117; and Supplement, 1898, page 11.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 17th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, OCTOBER 10, 1900.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 250.

BAY OF BENGAL—CHITTAGONG COAST.

[First Publication.]

Chittagong river.—Depth of water on the outer bar.

THE Port Officer, Chittagong, has given notice that the water on the outer bar, Chittagong river, now is 9 feet reduced to zero. Mariners are accordingly warned.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 251.

[First Publication.]

AUSTRALIA, SOUTH—PORT DARWIN ENTRANCE.

Point Emery light.

THE President, Marine Board, Port Adelaide, has given notice (No. 6 of 1900) that a temporary Fixed White Light is now exhibited from Point Emery at a height of 65 feet above high water-mark, and is visible from an ordinary vessel's deck at a distance of 6 miles.

The structure from which the light is shown is built of wood and painted white.

The arc of illumination is from N.W. by N. $\frac{1}{2}$ N. round by W. to S.E. by S. $\frac{1}{2}$ S. Bearings magnetic.

This notice affects Admiralty Charts Nos. 18, 613, and 1044, and Plan 925.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 243.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river—(1) Spit Tongue—(2) Liffey Reach—(3) DeSilva shoal.

THE Port Officer, Rangoon, has given notice of the following changes:—

(1) *Spit Tongue—Extension of—**Dated 3rd September.*

The three-fathom line of the Spit Tongue has extended about $2\frac{1}{2}$ cables S. by E., and the extreme east point of the Tongue is now 200 yards due east of the Spit Tongue buoy.

(2) *Liffey Reach—A fourteen-feet lump discovered.**Dated 4th September.*

A fourteen-feet lump has been discovered in the Liffey Reach and fairly in the centre of the channel. It lies W. by N. (true) of the mouth of the Tanwet Choung creek in the following bearings (true):—

| | | | | |
|---------------|-----|-----|-----|-----------|
| Shwe Dagon | ... | ... | ... | N. 40° W. |
| Syriam pagoda | ... | ... | ... | N. 76° E. |

and is marked by a second class black Conical buoy laid in 22 feet of water reduced 30 yards to the eastward of the patch.

Vessels should keep to the eastward of the buoy, as the water to the westward is doubtful, another lump of 14 feet having been found there.

(3) *DeSilva Shoal—A Can buoy placed.**Dated 5th September.*

A first class can buoy painted black has been laid at the elbow of DeSilva shoal in 18 feet of water reduced on the following bearings (true) from the buoy:—

| | | | | |
|---------------------------------|-----|-----|-----|--------------|
| Red beacon | ... | ... | ... | N. 29° 00 E. |
| North beacon | ... | ... | ... | N. 7° 00 E. |
| Tide Gauge—Choki point | ... | ... | ... | N. 28° 10 N. |
| Tree beacon above DeSilva point | ... | ... | ... | N. 49° 00 W. |
| South beacon | ... | ... | ... | South. |

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 244.

[Second Publication.]

PACIFIC OCEAN—THE PHILIPPINES, NORTH COAST—BABUYAN ISLANDS.

Mabak island—Shoal ledge extending from—

THE British Admiralty has given notice (No. 538 of 1900) that a narrow shoal ledge is reported to extend for about three-quarters of a mile in a north-westerly direction from the west end of Mabak island.

Position, Mabak island, west point, lat. $18^{\circ} 53' N.$, long. $121^{\circ} 15' E.$

NOTE.—On the plan of Musa bay on Chart 2454 the longitude of the N.E. point of Mabak island is incorrectly given as $110^{\circ} 15' 50'' E.$; it should be $121^{\circ} 15' 50'' E.$ (Notice No. 538 of 1900.)

This Notice affects the following Admiralty Chart:—Luzon island, No. 2454; Also, China Sea Directory, vol. III, 1894, page 227; and Eastern Archipelago, part I, 1890, page 335.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 245.

[Second Publication.]

PACIFIC OCEAN—THE PHILIPPINES—BURIAS ISLAND.

Shoal to the westward of Gorricion island.

THE British Admiralty has given notice (No. 540 of 1900) that a shoal is reported to exist at a distance of $4\frac{1}{2}$ miles N. 78° W. from Gorricion island. It has been placed on the charts as a rock with less than 6 feet over it in this position. (*Notice No 540 of 1900.*)

Approximate position, lat. $12^{\circ} 50'$ N, long. $123^{\circ} 10'$ E.

(*Variation Nil in 1900.*)

This Notice affects the following Admiralty Charts:—Philippine islands, No. 943; St. Bernardino and Mindoro straits, No. 2577: Also, Eastern Archipelago, part I, 1890, pages 308, 310.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 246.

[Second Publication.]

EASTERN ARCHIPELAGO—BORNEO, EAST COAST.

Shoal reported southward of Ligitan island.

THE British Admiralty has given notice (No. 541 of 1900) that Mr. Kynoch, Master of the S.S. *Mansang*, reports that his vessel, drawing 16 feet, touched on and passed over a shoal situated with the west extreme of Ligitan island bearing N. 16° W., and Sipidan island centre, S. 87° W. As a very slight error in the bearing of Sipidan island (distant 16 miles) would make a considerable difference in the position of the ship, and as it is improbable that a shoal exists outside the bank extending from Ligitan island, but possible that one may be situated on the edge of the 100-fathom line, a shoal of $2\frac{3}{4}$ fathoms has been placed on the Chart with the west extreme of Ligitan island bearing N. 16° W., distant $2\frac{1}{4}$ miles, in lat. $4^{\circ} 7' 35''$ N., long. $118^{\circ} 53' 40''$ E. (*Notice No. 541 of 1900.*)

(*Variation 2° Easterly in 1900.*)

This Notice affects the following Admiralty Charts:—China sea, No. 2660 (b); Sulu Archipelago, No. 2576; Sibuko bay, No. 1681: Also, Eastern Archipelago, part I, 1890, page 188; and Revised Supplement, 1898, page 48.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT

NOTICE TO MARINERS—No. 247.

[Second Publication.]

PACIFIC OCEAN—THE PHILIPPINES, BASILAN STRAIT.

Sakol island—Shoal on the north side.

THE British Admiralty has given notice (No. 543 of 1900) that a shoal of coral and sand, with a depth over it of 9 feet, is reported to exist with the north end of Sakol island (in line with north end of Tulnalutan island) bearing S. 84° E., distant 14 cables, and the north-west extreme of the same island S. 51° W. (*Notice No. 543 of 1900.*)

Approximate position, lat. $7^{\circ} 0'$ N., long. $122^{\circ} 14'E$.

(*Variation 2° Easterly in 1900.*)

This Notice affects the following Admiralty Chart:—Basilan strait, No. 961: Also, Eastern Archipelago, part I, 1890, page 99.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 248.

[Second Publication.]

CHINA—SHANTUNG—KYAU CHAU BAY.

Yu nui san—Intended light.

THE British Admiralty has given notice (No. 544 of 1900) that in September 1900, at the earliest an electric *white* light, visible from a distance of 16 miles, will be exhibited from a lighthouse being constructed on Yu nui san, Kyau chau bay.

Yu nui san light will show *white occulting* (light, one second; eclipse, one second) over an arc of 30° ; *white fixed* over an arc of 12° ; *white group occulting* (light, one second; eclipse, one second; light, one second; eclipse, three seconds), over an arc of 278° ; and will be obscured over an arc of 40° . (Notice No. 544 of 1900.)

Approximate position, lat. $36^{\circ} 2\frac{1}{2}'$ N., long. $120^{\circ} 17\frac{1}{2}'$ E.

Further notice will be given when particulars are received.

This Notice affects the following Admiralty Chart:—*Kyau chau bay*, No. 857: *Also, List of Lights*, part VI, 1900, page 130; and *China Sea Directory*, vol. III, 1894, page 522; and *Supplement*, 1898, page 28.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 249.

[Second Publication.]

PACIFIC OCEAN—THE PHILIPPINES—MINDANAO—SIBUGUEI BAY.

Circe and other shoals—Particulars of—.

THE British Admiralty has given notice (No. 548 of 1900) of the following particulars of the Circe and other shoals in Sibuguei bay:—

- (a) Circe shoal, composed of sand and coral, is one mile long, N.N.W. and S.S.E. and half a mile broad, with a least depth over it of 3 fathoms, from which Pandalusan island bears N. 2° W., distant 11 miles, and south point of Olutanga island S. 83° E.
- (b) A shoal, the depth on which is not stated, and which has therefore been marked on the Admiralty Chart as a rock with less than 6 feet, exists with Pandalusan island bearing N. 2° E., distant $4\frac{1}{2}$ miles.
- (c) A V-shaped reef extends from Pandalusan island in a south-easterly direction for a distance of $1\frac{1}{2}$ miles.
- (d) The shoal $4\frac{1}{2}$ miles N. 10° E. from Pandalusan island is awash. To the northward of this shoal, as far as Kabut islands, reefs extend from the coast for a distance of from 1 to 2 miles. (Notice No. 548 of 1900.)

Approximate position, Pandalusan island, lat. $7^{\circ} 28'$ N., long. $122^{\circ} 39'$ E.

(Variation 1° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—*Sulu archipelago*, No. 2576; *Sulu sea*, No. 2578: *Also, Eastern Archipelago*, part I, 1890, page 356; and *Revised Supplement*, 1898, page 69.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 28th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 240.

[Third Publication.]

AUSTRALIA—TORRES STRAIT—INNER ROUTE.

Discoloured water between Percy and High Peak islands.

THE Port Master, Brisbane, has given notice (No. 14 of 1900) that on the 11th August discoloured water was observed between the South-east Islet, Percy Group, and High Peak Island, extending in a West North-west and East South-east direction for about a mile and in a North North-east and South South-west direction for about half-a-mile.

A line drawn from the North-east extreme of the South-east Islet to High Peak Island passes over the discoloured water, from which

High Peak bears South 60° East;

South-east Islet, Northern extremity, bears North 60° West;

Steep Island bears South 4° West.

The locality will be examined at an early date.

Chart affected, No. 346; Australia Directory, vol. 2.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 241.

[Third Publication.]

BAY OF BENGAL—COROMANDEL COAST.

Tranquebar flagstaff removed.

THE Presidency Port Officer, Madras, has given notice, dated 29th August 1900, that the flagstaff at Tranquebar no longer exists. It was taken down in 1889.

This Notice affects the following Admiralty Chart:—Madras to Point Calimere, No. 71d. Also, Bay of Bengal Pilot, 1892, 2nd Edition, page 114.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 242.

[Third Publication.]

AFRICA, NORTH-EAST—GULF OF ADEN, NORTH SHORE.

Aden harbour—The wreck of the "Anadyr."

THE following Notice to Mariners (No. 76 of 1900) issued by the Bombay Government is republished:—

Information has been received from the Port Officer, Aden, dated 1st September 1900, that the wreck of the *Anadyr* being no longer visible above water, a permanent buoy, painted green, has been placed to mark the site of the wreck.

This Notice affects the following Admiralty Chart:—Aden and adjacent Bays, No. 7: Also, Red Sea and Gulf of Aden Pilot, 4th Edition, 1892, page 380.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 24th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, OCTOBER 17, 1900.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 252.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Chittagong river—Depth of water in the outer bar.

WITH reference to Notice to Mariners No. 250, dated the 8th October, issued by this office, a telegraphic communication has been received from the Port Officer, Chittagong, stating that the water in the outer bar of the Old channel is now only 7 feet reduced. All vessels taking pilots are warned that the New channel (not buoyed) has 11 feet reduced.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 253.

[First Publication.]

CHINA—TUNG HAI OR EASTERN SEA.

Great Yang tse bank—Shoal reported to the north-eastward of it.

THE British Admiralty has given notice (No. 560 of 1900) that information, dated 22nd August 1900, has been received from the General Manager of the Peninsular and Oriental Company that the S.S. *Socotra*, drawing 18½ feet, when on a voyage from Japan to Shanghai, struck on a shoal north-eastward of the Great Yang tse bank at 9h. 40m. P.M. on 5th June 1900, in approximately lat. 32° 9' N., long. 125° 7' E., and that, when the vessel was subsequently docked, clay and stones were found adhering to the damaged portion of the bottom. A shoal, with a depth of 3 fathoms over it, has in consequence been placed on the Chart in the above position.

It is to be observed that in 1896 the P. and O. S.S. *Shanghai* reported having obtained a sounding of 9 fathoms, just after noon, in lat. 32° 1' N, long. 125° 9' E.: the weather at the time was fine, but foggy, and consequently no astronomical observations were obtained. On receipt of this report Notice to Mariners No. 312 of 1896 was issued, and amended afterwards by Notice to Mariners No. 613 of 1896.

In December 1896 H.M.S. *Porer* was sent to search for this reported shoal, and sounded over an area of 4 miles without finding any such depths. When this information was received, Notice to Mariners No. 340 of 1897 was issued, expunging the 9-fathom sounding from the Chart.

These are, however, not the only reports of a shoal in this locality, as in 1868 H.M. Surveying Vessel *Sylvia* searched for breakers reported by P.M. S.S. *Costa Rica* in lat. 32° 10' N., long. 125° 3' E., without finding any sign of danger, the depths all round being very even (about 25 fathoms) over a space of 15 square miles.

Whilst it is difficult to suppose that a danger could continuously exist on a route so much frequented as that between the Yang tse and Japan without having been more frequently reported, it is evident a bank of some sort must have existed somewhere in the neighbourhood in June last, and, until the area has been thoroughly examined, mariners are warned to avoid the locality.

It is not impossible that such banks may occasionally be formed by the deposit brought down by the Yang tse when in flood, and afterwards dispersed by wave action in the N.E. monsoon. (*Notice No. 560 of 1900.*)

This Notice affects the following Admiralty Charts:—China sea, No. 1263; Nipon island, &c., No. 2347; Hongkong to Liau tung gulf, No. 1262; Amoy to Nagasaki, No. 2412; Also, China Sea Directory, vol. III. 1894, page 518; and Supplement, 1898, page 27.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 254.

PACIFIC OCEAN—PHILIPPINES—LUZON—LINGAYEN GULF.

Port Sual—Light not exhibited—Information on shoals.

THE British Admiralty has given notice (No. 565 of 1900) that no light is exhibited on Portuguese point, port Sual, also that "Adela rocks" are in reality a sand spit extending from Mangas point, and that there are several rocky heads in the northern part of the port.

Approximate position, lat. $16^{\circ} 6' N.$, long. $120^{\circ} 6' E.$

NOTE.—The plan of port Sual on Admiralty Chart No. 2454 must be used with caution. (*Notice No. 565 of 1900.*)

This Notice affects the following Admiralty Charts:—Island of Luzon, No. 2454; Also, List of Lights, part VI, 1900, No. 625; Eastern Archipelago, part I, 1890, pages 44, 45; Revised Supplement, 1898, relating to that work, page 4, and China Sea Directory, vol. II, 1899, pages 321, 322.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 255.

PACIFIC OCEAN—PHILIPPINES—LUZON ISLAND.

Shoals westward of Polillo island.

THE British Admiralty has given notice (No. 566 of 1900) that a shoal, with a depth of 9 feet over it, is reported to exist in the channel between Polillo island and Luzon, about midway between S. Miguel and Inagikan point, in approximately lat. $14^{\circ} 48' N.$, long. $121^{\circ} 54' E.$ (*Notice No. 566 of 1900.*)

This Notice affects the following Admiralty Charts:—China sea, No. 2661b; Philippine islands, No. 943; St. Bernardino and Mindoro straits, No. 2577; Also, Eastern Archipelago, part I, 1890, page 337.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 256.

[First Publication.]

PACIFIC OCEAN—NEW CALEDONIA.

Tchic—Custom house—Pilot station, &c.

With reference to Notice to Mariners No. 81, dated the 21st April 1899, issued by this office, the British Admiralty has given further notice (No. 567 of 1900) that there

is a Custom house and Pilot station at Tchio. Vessels need not necessarily therefore proceed to Nouméa for the purpose of entry and clearance when bound to Tchio. (*Notice No. 567 of 1900.*)

Approximate position, lat. $21^{\circ} 37' S.$, long. $166^{\circ} 13' E.$

This Notice affects the following Admiralty Chart:—New Caledonia, No. 936b: Also, Pacific islands, vol. I, part II, 1893, page 111.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 257.

[First Publication.]

PACIFIC OCEAN—THE PHILIPPINES—MINDANAO, NORTH-EAST COAST.

Reef extending from point Kaut.

THE British Admiralty has given notice (No. 569 of 1900) that it is reported a reef extends north-eastward from point Kaut for a distance of fully 5 miles.

Approximate position, lat. $9^{\circ} 22' N.$, long. $126^{\circ} 17' E.$

Also, that the islands between Mindanao and Dinagat are very incorrectly charted, and a note to this effect has been placed on the Chart. (*Notice No. 569 of 1900.*)

This Notice affects the following Admiralty Charts:—Philippine islands, No. 943; Sulu sea, No. 2578: Also, Eastern Archipelago, part I, 1890, page 127.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 258.

[First Publication.]

AUSTRALIA—QUEENSLAND—PORT CURTIS.

Gatcombe head and leading lights—Intended alteration and exhibition.

THE British Admiralty has given notice (No. 572 of 1900) that it is intended to make the following alterations and additions to the lights of port Curtis:—

1. Gatcombe head. A new fixed light, elevated 122 feet above high water, and visible in clear weather from a distance of 13 miles, will be exhibited showing the following sectors:—white from the bearing of $S. 29^{\circ} W.$, through west, to $N. 70^{\circ} W.$; obscured from $N. 70^{\circ} W.$ to $N. 45^{\circ} W.$; white from $N. 45^{\circ} W.$, through north, to $N. 21^{\circ} E.$; red from $N. 21^{\circ} E.$ to $N. 43^{\circ} E.$; white from $N. 43^{\circ} E.$ to the land.
It will be shown from a cylindrical tower, 38 feet high, painted white with red dome, now being erected about three-quarters of a cable $N. 11^{\circ} E.$ from the present light.
When this light is exhibited the present light will be extinguished.
Approximate position, lat. $23^{\circ} 53' S.$, long. $151^{\circ} 23' E.$
2. Near the entrance to the Boyne river, two 4th order leading lights will be established: the front light, elevated 66 feet above high water and visible 12 miles, will be shown from a skeleton tower, 30 feet high, painted white; the rear light, elevated 121 feet above high water and visible 14 miles, will be shown from a square building painted white on a hill at a distance of $9\frac{1}{2}$ cables $S. 75^{\circ} W.$ from the front light.
These lights, in line $S. 75^{\circ} W.$, are intended to lead through the south channel entrance.
3. On the western slope of Gatcombe head two other leading lights will be established: the front light, elevated 32 feet above high water, will be shown from a small house; and the rear light, elevated 66 feet above high water, from a skeleton tower.

It is expected that these leading lights will be ready for exhibition shortly, but further notice on the subject will be given. (Notice No. 572 of 1900.)

(Variation 8° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—Sandy cape to Keppel islands, No. 345; Port Curtis, No. 1900; Also, List of Lights, part VI, 1900, No. 1265, page 206; and Australia Directory, vol. II, 1898, page 178.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 259.

[First Publication.]

AUSTRALIA, EAST COAST.

Pipon island light—Intended exhibition of and withdrawal of channel rock light-vessel.

THE British Admiralty has given notice (No. 574 of 1900) that, on or about 15th November 1900, a dioptric fixed light of the 4th order would be exhibited from the southern island of the Pipon group.

Pipon island light will be elevated 55 feet above high water, and visible in clear weather from a distance of 13 miles, and will show the following sectors:—White from the bearing of N. 72° W., through north, to N. 53° E.; red from N. 53° E. to N. 76° E.; white from N. 76° E. to N. 88° E.

It will be exhibited from a skeleton tower 60 feet high, and painted red, erected on the southern island in lat. 14° 7' 20" S., long. 144° 30' 50" E.

When this light is exhibited Channel rock light-vessel will be withdrawn.

Further notice will be given when information has been received that these alterations have been made. (Notice No. 574 of 1900.)

(Variation 5° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—Turtle group to Claremont point, No. 2922; Also, List of Lights, part VI, 1900, page 214, No. 1328; and Australia Directory, vol. II, 1898, page 365.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 280.

[First Publication.]

AUSTRALIA, EAST COAST—GRAFTON PASSAGE.

Shoal soundings obtained.

THE British Admiralty has given notice (No. 575 of 1900) that information, dated 1st June 1900, has been received from Commander N. G. Macalister, H. M. S. *Torch*, that the following shoal soundings were obtained from his vessel when passing through Grafton passage:—

1. A sounding of 8 fathoms with summit of Fitzroy island bearing S. 31° W., and False cape S. 60° W.
Approximate position, lat. 16° 45' S., long. 146° 8' E.
2. A sounding of 9 fathoms with south shoulder of Fitzroy island in line with north-west Bell peak S. 30° W., and False cape S. 58° W.
3. A sounding of 9 fathoms with south shoulder of Fitzroy island in line with north-west Bell peak S. 30° W., and Euston reef centre S. 58° E. (Notice No. 575 of 1900.)

(Variation 6° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—Cape Grafton to Hope islands, No. 2924; Double island to cape Grafton, No. 2350; Also, Australia Directory, vol. II, 1898, page 376.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 261.

[First Publication.]

AUSTRALIA—NORTH-WEST COAST.

Non-existence of Eldorado rocks and Squaw shoals.

THE British Admiralty has given notice (No. 576 of 1900) respecting an unsuccessful search for the undermentioned rocks and shoal off the north-west coast of Australia:—

1. ELDORADO ROCKS, in approximately lat. $18^{\circ} 20'$ S., long. $117^{\circ} 45'$ E., were searched for over an area of 230 square miles in their reported locality, in exceptionally clear and fine weather. Nothing, however, was seen or any indication of shoal water found, the soundings of from 160 to 350 fathoms, showing a gradual slope of the bottom to the north-westward.

These rocks were reported to have been seen from a distance of 5 or 6 miles by M. Pertis, of the French ship *Eldorado*, on 20th May 1879, the weather at the time being cloudy with rain, and a sounding of 105 fathoms being also obtained. They appeared to consist of two rocks from 16 to 18 feet high. In 1880 the Admiralty surveying vessel *Meda* devoted several days to the search for these rocks without seeing them, and, as the *Penguin* has now been equally unsuccessful, it is considered that these rocks do not exist, and they have consequently been erased from the Charts.

2. SQUAW SHOAL, reported in 1860 as a dangerous 10-feet patch, in approximately lat. $20^{\circ} 41'$ S., long. $114^{\circ} 17'$ E., was also searched for without effect. An area of 200 square miles was sounded over in the reported vicinity of this shoal, during exceptionally clear and fine weather, with a very long ocean swell, and the bottom was found to have a gradual slope to the north-westward, the depth over the reported position being 539 fathoms globigerina ooze.

The German frigate *Gazelle* in 1875, and the Admiralty surveying vessel *Meda* in 1880, passed over the assigned position of this danger, and H. M. surveying vessel *Penguin* on a previous voyage in 1891 passed within $1\frac{1}{2}$ miles of it without seeing any indication of shoal water. It is therefore considered that this shoal cannot exist, and it has been erased from the Charts. (Notice No. 576 of 1900.)

This Notice affects the following Admiralty Charts:—Indian ocean, No. 748a; Australia, northern portion, No. 2759a; Bedout island to cape Cuvier, No. 1055; North-west coast of Australia, No. 475; Buccaneer Archipelago to Bedout island, No. 1048; Also, *Australia Directory*, vol. III, 1895, pages 271, 302; and Supplement, 1898, relating to that work, page 2.

E. J. BEAUMONT, COMDR., R.N.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 262.

[First Publication.]

CHINA—PE CHILI STRAIT.

Rock in Chang Shan channel.

THE British Admiralty has given notice (No. 585 of 1900) of the existence of a sunken ledge in Chang Shan channel, gulf of Pe Chili.

This ledge, which is of small extent, has a depth of $3\frac{1}{2}$ fathoms over it, and is situated with Rock (25 feet high) bearing S. 18° W., distant four cables, and the north-east extreme of Chang Shan island, S. 63° E. (Notice No. 585 of 1900.)

Approximate position, lat. $38^{\circ} 0' 30''$ N., long. $120^{\circ} 40' 20''$ E.

(Variation 3° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Pe Chili and Lian tung gulfs, No. 1256; Kyau chau bay to Maiu-tau strait, No. 1255; Pe Chili strait, No. 1392; Also, *China Sea Directory*, vol. III, 1894, page 567.

E. J. BEAUMONT, COMDR., R.N.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 263.

[First Publication.]

AFRICA, EAST COAST—ZANZIBAR HARBOUR.

Leading lights and light-vessel established in English Pass.

THE British Admiralty has given notice (No. 588 of 1900) that *white fixed* lights are now shown from the white stone pillar on Bet-el-Ras, and also from the mast on the edge of the reef. These two lights which, when in line bear N. E. $\frac{1}{2}$ E., lead clear of the turning buoy into the harbour.

A small vessel showing a *red fixed* light, visible 2 miles, has been moored between the red buoys in English pass. (*Notice No. 588 of 1900.*)

Approximate position, lat. $6^{\circ} 7' 45''$ S., long. $39^{\circ} 12' 25''$ E.

This Notice affects the following Admiralty Charts:—Pangani to Ras Kimbiiji, &c., No. 6406; Zanzibar harbour, No. 605; Also, List of Lights, part VI, 1900, page 20; African Pilot, part III, 1897, page 440.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 264.

[First Publication.]

NEW ZEALAND—NORTH ISLAND.

East island—Light exhibited.

WITH reference to Notice to Mariners No. 13, dated the 20th January 1900, issued by this office, the British Admiralty has given further notice (No. 595 of 1900) that a dioptric light of the 2nd order was exhibited from the lighthouse on East island off East cape on the 9th August 1900.

East island light is a *flashing white* light every ten seconds; it is elevated 362 feet above high water, and visible in clear weather from a distance of 22 miles, seaward, over an arc of about 280° , or as far as the land will permit.

The lighthouse is an iron tower 69 feet high, painted white. (*Notice No. 595 of 1900.*)

Approximate position, lat. $37^{\circ} 40'$ S., long. $178^{\circ} 36'$ E.

This Notice affects the following Admiralty Charts:—New Zealand, No. 1212; Mayor island to Poverty bay, No. 2527; Also, List of Lights, part VI, 1900, No. 1411; and New Zealand Pilot, 1891, page 147.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 265.

[First Publication.]

AUSTRALIA.

Gatcombe head light—Notices Nos. 11 and 15 amended.

WITH reference to Notice to Mariners No. 200, dated 11th August last, issued by this office, the Port Master, Brisbane, has given notice (No. 16 of 1900) that the sectors of the Gatcombe Head Light have been re-adjusted as follows, namely:—

White between S. 46° W. and N. 71° W. (Intensified on northern edge.)

Obscured between N. 71° W. and N. 46° W.

White between N. 46° W. and N. 17° E.

Red between N. 17° E. and N. 37° E.

White between N. 37° E. and N. 65° E.

Obscured between N. 65° E. and S. 46° W.

Between the bearings of S. 46° W. and about S. 42° W. a dim light is visible, which must not be mistaken for the white sector to the southward.

Bearings are magnetic and from seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 5th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 250.

[Second Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Chittagong river.—Depth of water on the outer bar.

THE Port Officer, Chittagong, has given notice that the water on the outer bar, Chittagong river, now is 9 feet reduced to zero. Mariners are accordingly warned.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 251.

[Second Publication.]

AUSTRALIA, SOUTH—PORT DARWIN ENTRANCE.

Point Emery light.

THE President, Marine Board, Port Adelaide, has given notice (No. 6 of 1900) that a temporary Fixed White Light is now exhibited from Point Emery at a height of 65 feet above high water-mark, and is visible from an ordinary vessel's deck at a distance of 6 miles.

The structure from which the light is shown is built of wood and painted white.

The arc of illumination is from N.W. by N. $\frac{1}{2}$ N. round by W. to S.E. by S. $\frac{1}{2}$ S. Bearings magnetic.

This notice affects Admiralty Charts Nos. 18, 613, and 1044, and Plan 925.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 243.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river—(1) Spit Tongue—(2) Liffey Reach—(3) DeSilva shoal.

THE Port Officer, Rangoon, has given notice of the following changes:—

(1) *Spit Tongue—Extension of—*

Dated 3rd September.

The three-fathom line of the Spit Tongue has extended about $2\frac{1}{2}$ cables S. by E., and the extreme east point of the Tongue is now 200 yards due east of the Spit Tongue buoy.

(2) *Liffey Reach—A fourteen-feet lump discovered.*

Dated 4th September.

A fourteen-feet lump has been discovered in the Liffey Reach and fairly in the centre of the channel. It lies W. by N. (true) of the mouth of the Tanwet Choung creek in the following bearings (true):—

| | | | | | |
|---------------|-----|-----|-----|-----|-----------|
| Shwe Dagon | ... | ... | ... | ... | N. 40° W. |
| Syriam pagoda | ... | ... | ... | ... | N. 76° E. |

and is marked by a second class black Conical buoy laid in 22 feet of water reduced 30 yards to the eastward of the patch.

Vessels should keep to the eastward of the buoy, as the water to the westward is doubtful, another lump of 14 feet having been found there.

(3) *DeSilva Shoal—A Can buoy placed.**Dated 5th September.*

A first class can buoy painted black has been laid at the elbow of DeSilva shoal in 18 feet of water reduced on the following bearings (true) from the buoy:—

| | | | | |
|---------------------------------|-----|-----|-----|---------------|
| Red beacon | ... | ... | ... | N. 29° 00' E. |
| North beacon | ... | ... | ... | N. 7° 00' E. |
| Tide Gauge—Cheki point | ... | ... | ... | N. 28° 10' N. |
| Tree beacon above DeSilva point | ... | ... | ... | N. 49° 00' W. |
| South beacon | ... | ... | ... | South. |

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 244.

[Third Publication.]

PACIFIC OCEAN—THE PHILIPPINES, NORTH COAST—BABUYAN ISLANDS.

Mabak island—Shoal ledge extending from—.

THE British Admiralty has given notice (No. 538 of 1900) that a narrow shoal ledge if reported to extend for about three-quarters of a mile in a north-westerly direction from the west end of Mabak island.

Position, Mabak island, west point, lat. 18° 53' N., long. 121° 15' E.

NOTE.—On the plan of Musa bay on Chart 2454 the longitude of the N.E. point of Mabak island is incorrectly given as 110° 15' 59" E.; it should be 121° 15' 50" E. (*Notice No. 538 of 1900.*)

This Notice affects the following Admiralty Chart:—Luzon island, No. 2454; Also, China Sea Directory, vol. III, 1894, page 227; and Eastern Archipelago, part I, 1890, page 335.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 245.

[Third Publication.]

PACIFIC OCEAN—THE PHILIPPINES—BURIAS ISLAND.

Shoal to the westward of Gorrión island.

THE British Admiralty has given notice (No. 540 of 1900) that a shoal is reported to exist at a distance of 4½ miles N. 78° W. from Gorrión island. It has been placed on the charts as a rock with less than 6 feet over it in this position. (*Notice No 540 of 1900.*)

Approximate position, lat. 12° 50' N, long. 128° 10' E.

(*Variation Nil in 1900.*)

This Notice affects the following Admiralty Charts:—Philippine islands, No. 943; St. Bernardino and Mindoro straits, No. 2577; Also, Eastern Archipelago, part I, 1890, pages 308, 310.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th September 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 246.

[Third Publication.]

EASTERN ARCHIPELAGO—BORNEO, EAST COAST.

Shoal reported southward of Ligitan island.

THE British Admiralty has given notice (No. 541 of 1900) that Mr. Kynoch, Master of the S.S. *Mansang*, reports that his vessel, drawing 16 feet, touched on and passed over a shoal situated with the west extreme of Ligitan island bearing N. 16° W., and Sipidan island centre, S. 87° W. As a very slight error in the bearing of Sipidan island (distant 16 miles) would make a considerable difference in the position of the ship, and as it is improbable that a shoal exists outside the bank extending from Ligitan island, but possible that one may be situated on the edge of the 100-fathom line, a shoal of 2½ fathoms has been placed on the Chart with the west extreme of Ligitan island bearing N. 16° W., distant 2½ miles, in lat. 4° 7' 35" N., long. 118° 53' 40" E. (Notice No. 541 of 1900.)

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—China sea, No. 2660 (b); Sulu Archipelago, No. 2576; Sibuko bay, No. 1681; Also, Eastern Archipelago, part I, 1890, page 188; and Revised Supplement, 1898, page 48.

W. B. HUDDLESTON, LIEUT., R.I.M.,

Acting Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 28th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 247.

[Third Publication.]

PACIFIC OCEAN—THE PHILIPPINES, BASILAN STRAIT.

Sakol island—Shoal on the north side.

THE British Admiralty has given notice (No. 543 of 1900) that a shoal of coral and sand, with a depth over it of 9 feet, is reported to exist with the north end of Sakol island (in line with north end of Tulnalutan island) bearing S. 84° E., distant 14 cables, and the north-west extreme of the same island S. 51° W. (Notice No. 543 of 1900.)

Approximate position, lat. 7° 0' N., long. 122° 14'E.

(Variation 2° Easterly in 1900.)

This Notice affects the following Admiralty Chart:—Basilan strait, No. 961; Also, Eastern Archipelago, part I, 1890, page 99.

W. B. HUDDLESTON, LIEUT., R.I.M.,

Acting Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 28th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 248.

[Third Publication.]

CHINA—SHANTUNG—KYAU CHAU BAY.

Yu nui san—Intended light.

THE British Admiralty has given notice (No. 544 of 1900) that in September 1900, at the earliest an electric white light, visible from a distance of 16 miles, will be exhibited from a lighthouse being constructed on Yu nui san, Kyau chau bay.

Yu nui san light will show white occulting (light, one second; eclipse, one second) over an arc of 30°; white fixed over an arc of 12°; white group occulting (light, one second; eclipse, one second; light, one second; eclipse, three seconds), over an arc of 278°; and will be obscured over an arc of 40°. (Notice No. 544 of 1900.)

Approximate position, lat. 36° 2½' N., long. 120° 17½' E.

Further notice will be given when particulars are received.

This Notice affects the following Admiralty Chart:—Kyau chau bay, No. 857; Also, List of Lights, part VI, 1900, page 180; and China Sea Directory, vol. III, 1894, page 522; and Supplement, 1898, page 28.

W. B. HUDDLESTON, LIEUT., R.I.M.,

Acting Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 28th September 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 249.

[Third Publication.]

PACIFIC OCEAN—THE PHILIPPINES—MINDANAO—SIBUGUEI BAY.

Circe and other shoals—Particulars of—.

THE British Admiralty has given notice (No. 548 of 1900) of the following particulars of the Circe and other shoals in Sibuguei bay:—

- (a) Circe shoal, composed of sand and coral, is one mile long, N.N.W. and S.S.E. and half a mile broad, with a least depth over it of 3 fathoms, from which Pandalusan island bears N. 2° W., distant 11 miles, and south point of Olutanga island S. 83° E.
- (b) A shoal, the depth on which is not stated, and which has therefore been marked on the Admiralty Chart as a rock with less than 6 feet, exists with Pandalusan island bearing N. 2° E., distant 4½ miles.
- (c) A V-shaped reef extends from Pandalusan island in a south-easterly direction for a distance of 1½ miles.
- (d) The shoal 4½ miles N. 10° E. from Pandalusan island is awash. To the northward of this shoal, as far as Kabut islands, reefs extend from the coast for a distance of from 1 to 2 miles. (Notice No. 548 of 1900.)

Approximate position, Pandalusan island, lat. 7° 28' N., long. 122° 39' E.

(Variation 1° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—Sulu archipelago, No. 2576; Sulu sea, No. 2578; Also, Eastern Archipelago, part I, 1890, page 356; and Revised Supplement, 1898, page 69.

W. B. HUDDLESTON, LIEUT., R.I.M.,
Acting Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 28th September 1900.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, OCTOBER 17, 1900.

THE COMMISSIONERS FOR THE PORT OF CALCUTTA.

AUDITORS' REPORT ON THE PORT COMMISSIONERS' ACCOUNTS FOR
1899-1900.

No. L.A.
355

FROM

THE AUDITORS OF THE ACCOUNTS OF THE COMMISSIONERS
FOR THE PORT OF CALCUTTA,

To

THE COMMISSIONERS FOR THE PORT OF CALCUTTA.

Dated Calcutta, the 13th September 1900.

GENTLEMEN,

WE have the honour to report that the Cash and Store Accounts maintained in your office for the year ending 31st March 1900 have been audited under our supervision and by our direction, and, subject to the exceptions pointed out in the appended note, have been found correct.

2. We append statements (1) of Receipts and Expenditure during the year under audit, (2) of Assets and Liabilities on the 31st March 1900, and (3) a General Summary of Income and Expenditure from the 1st April 1899 to 31st March 1900, comparing the original and supplementary estimates with the actual income and expenditure as obtained from your books.

We have the honour to be,

GENTLEMEN,

Your most obedient servants,

J. C. E. BRANSON,

Accountant-General, Bengal.

G. C. RAY,

Examiner of Local Accounts in Bengal.

PUBLISHED under the provisions of section 76 (2) of Act III of 1890.

By order of the Commissioners,

R. A. DONNITHORNE,

Secretary.

APPENDIX I—continued.

Statement of Receipts for the year 1899-1900.

| PARTICULARS. | Part I. | Part II. | Part III. | Part IV. | Part V. | Part VI. | Part VII. | Part VIII. | Special toll. | Total. |
|--|---------------|--------------|---------------|--------------|---------------|------------|------------|------------|---------------|---------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| RECEIPTS DISTRIBUTED. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. |
| Receipts from Hopper Barges | 1,961 6 8 | 1,307 9 10 | ..... | 1,307 9 10 | ..... | ..... | ..... | 1,961 6 8 | ..... | 6,538 1 8 |
| Interest on securities invested for reserve funds | 8,250 0 0 | ..... | ..... | 12,222 0 0 | ..... | ..... | 2,065 0 0 | ..... | ..... | 29,537 0 0 |
| RECEIPTS WHOLLY CREDITED TO THE SEVERAL PARTS. | | | | | | | | | | |
| etty charges for loading and unloading vessels. | 11,87,650 8 9 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 11,87,650 8 9 |
| Receipts from petroleum wharf | 4,37,582 4 10 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4,37,582 4 10 |
| Ditto tea warehouse | 1,04,508 11 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,04,508 11 1 |
| Sale of condemned stores | 1,538 11 8 | 787 12 6 | 193 15 8 | 848 3 6 | ..... | 3,309 8 10 | 3,991 6 11 | ..... | ..... | 10,619 11 1 |
| Percentage realised on repairs done to the Howrah Bridge. | 5,096 7 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5,096 7 1 |
| Miscellaneous receipts | 6,142 0 0 | 1,472 10 8 | 18,617 3 3 | 757 6 10 | ..... | 519 10 6 | 156 8 1 | ..... | ..... | 27,695 7 4 |
| Receipts from inland vessels' wharves ... .. | ..... | 4,20,644 9 9 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4,20,644 9 9 |
| Ditto Sibpur chur land ... .. | ..... | 1,08,965 5 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,08,965 5 8 |
| Ditto Strand Bank lands ... .. | ..... | ..... | 1,64,726 11 6 | ..... | ..... | ..... | ..... | ..... | ..... | 1,64,726 11 6 |
| Ditto Mooring hire ... .. | ..... | ..... | ..... | 2,04,537 9 0 | ..... | ..... | ..... | ..... | ..... | 2,04,537 9 0 |
| Ditto Harbour Master's earnings ... .. | ..... | ..... | ..... | 1,99,665 2 0 | ..... | ..... | ..... | ..... | ..... | 1,99,665 2 0 |
| Ditto Wreck and Anchor ... .. | ..... | ..... | ..... | 2,034 14 7 | ..... | ..... | ..... | ..... | ..... | 2,034 14 7 |
| Ditto Moyapore magazine ... .. | ..... | ..... | ..... | 6,517 10 9 | ..... | ..... | ..... | ..... | ..... | 6,517 10 9 |
| Ditto licensing of cargo and passenger boats. | ..... | ..... | ..... | 26,314 12 0 | ..... | ..... | ..... | ..... | ..... | 26,314 12 0 |
| Receipts from Government subsidy for collecting pilotage. | ..... | ..... | ..... | 2,800 0 0 | ..... | ..... | ..... | ..... | ..... | 2,800 0 0 |
| Receipts from contribution for River Police ... .. | ..... | ..... | ..... | 2,672 1 3 | ..... | ..... | ..... | ..... | ..... | 2,672 1 3 |
| Ditto earnings of tug <i>Hetty, Rescue, &c.</i> ... .. | ..... | ..... | ..... | 22,861 11 0 | ..... | ..... | ..... | ..... | ..... | 22,861 11 0 |
| 4 per cent. 15 Lakh Debenture Loan of 1899 ... .. | ..... | ..... | ..... | ..... | 15,00,000 0 0 | ..... | ..... | ..... | ..... | 15,00,000 0 0 |
| Contribution from Revenue for repayment of Government consolidated loan. | ..... | ..... | ..... | ..... | 2,02,139 4 7 | ..... | ..... | ..... | ..... | 2,02,139 4 7 |
| Sinking Fund of Debenture Loan of 1881 ... .. | ..... | ..... | ..... | ..... | 39,620 2 11 | ..... | ..... | ..... | ..... | 39,620 2 11 |
| Trustees of Sinking Fund of Debenture Loan of 1881. | ..... | ..... | ..... | ..... | 39,390 12 3 | ..... | ..... | ..... | ..... | 39,390 12 3 |
| Sinking Fund of Debenture Loan of 1883 ... .. | ..... | ..... | ..... | ..... | 76,126 14 6 | ..... | ..... | ..... | ..... | 76,126 14 6 |
| Trustees of Sinking Fund of Debenture Loan of 1883. | ..... | ..... | ..... | ..... | 76,056 0 0 | ..... | ..... | ..... | ..... | 76,056 0 0 |
| Sinking Fund of Debenture Loan of 1888 ... .. | ..... | ..... | ..... | ..... | 99,420 15 6 | ..... | ..... | ..... | ..... | 99,420 15 6 |
| Trustees of Sinking Fund of Debenture Loan of 1888. | ..... | ..... | ..... | ..... | 98,123 4 9 | ..... | ..... | ..... | ..... | 98,123 4 9 |
| Sinking Fund of 1st Debenture Loan of 1895 ... .. | ..... | ..... | ..... | ..... | 3,700 9 3 | ..... | ..... | ..... | ..... | 3,700 9 3 |
| Trustees of Sinking Fund ditto ... .. | ..... | ..... | ..... | ..... | 3,770 2 5 | ..... | ..... | ..... | ..... | 3,770 2 5 |
| Sinking Fund of 2nd Debenture Loan of 1895 ... .. | ..... | ..... | ..... | ..... | 39,207 9 8 | ..... | ..... | ..... | ..... | 39,207 9 8 |
| Trustees of Sinking Fund ditto ... .. | ..... | ..... | ..... | ..... | 39,551 1 4 | ..... | ..... | ..... | ..... | 39,551 1 4 |
| Sinking Fund of Debenture Loan of 1897 ... .. | ..... | ..... | ..... | ..... | 35,940 2 3 | ..... | ..... | ..... | ..... | 35,940 2 3 |
| Trustees of Sinking Fund ditto ... .. | ..... | ..... | ..... | ..... | 35,094 6 4 | ..... | ..... | ..... | ..... | 35,094 6 4 |
| Sinking Fund of 1st Debenture Loan of 1899 ... .. | ..... | ..... | ..... | ..... | 27,439 5 3 | ..... | ..... | ..... | ..... | 27,439 5 3 |

| Particulars | 1899-1900 | 1900-1901 | 1901-1902 | 1902-1903 | 1903-1904 | 1904-1905 | 1905-1906 | 1906-1907 | 1907-1908 | 1908-1909 | 1909-1910 | 1910-1911 | 1911-1912 | 1912-1913 | 1913-1914 | 1914-1915 | 1915-1916 | 1916-1917 | 1917-1918 | 1918-1919 | 1919-1920 | 1920-1921 | 1921-1922 | 1922-1923 | 1923-1924 | 1924-1925 | 1925-1926 | 1926-1927 | 1927-1928 | 1928-1929 | 1929-1930 | 1930-1931 | 1931-1932 | 1932-1933 | 1933-1934 | 1934-1935 | 1935-1936 | 1936-1937 | 1937-1938 | 1938-1939 | 1939-1940 | 1940-1941 | 1941-1942 | 1942-1943 | 1943-1944 | 1944-1945 | 1945-1946 | 1946-1947 | 1947-1948 | 1948-1949 | 1949-1950 | 1950-1951 | 1951-1952 | 1952-1953 | 1953-1954 | 1954-1955 | 1955-1956 | 1956-1957 | 1957-1958 | 1958-1959 | 1959-1960 | 1960-1961 | 1961-1962 | 1962-1963 | 1963-1964 | 1964-1965 | 1965-1966 | 1966-1967 | 1967-1968 | 1968-1969 | 1969-1970 | 1970-1971 | 1971-1972 | 1972-1973 | 1973-1974 | 1974-1975 | 1975-1976 | 1976-1977 | 1977-1978 | 1978-1979 | 1979-1980 | 1980-1981 | 1981-1982 | 1982-1983 | 1983-1984 | 1984-1985 | 1985-1986 | 1986-1987 | 1987-1988 | 1988-1989 | 1989-1990 | 1990-1991 | 1991-1992 | 1992-1993 | 1993-1994 | 1994-1995 | 1995-1996 | 1996-1997 | 1997-1998 | 1998-1999 | 1999-2000 | 2000-2001 | 2001-2002 | 2002-2003 | 2003-2004 | 2004-2005 | 2005-2006 | 2006-2007 | 2007-2008 | 2008-2009 | 2009-2010 | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 | 2026-2027 | 2027-2028 | 2028-2029 | 2029-2030 | 2030-2031 | 2031-2032 | 2032-2033 | 2033-2034 | 2034-2035 | 2035-2036 | 2036-2037 | 2037-2038 | 2038-2039 | 2039-2040 | 2040-2041 | 2041-2042 | 2042-2043 | 2043-2044 | 2044-2045 | 2045-2046 | 2046-2047 | 2047-2048 | 2048-2049 | 2049-2050 | 2050-2051 | 2051-2052 | 2052-2053 | 2053-2054 | 2054-2055 | 2055-2056 | 2056-2057 | 2057-2058 | 2058-2059 | 2059-2060 | 2060-2061 | 2061-2062 | 2062-2063 | 2063-2064 | 2064-2065 | 2065-2066 | 2066-2067 | 2067-2068 | 2068-2069 | 2069-2070 | 2070-2071 | 2071-2072 | 2072-2073 | 2073-2074 | 2074-2075 | 2075-2076 | 2076-2077 | 2077-2078 | 2078-2079 | 2079-2080 | 2080-2081 | 2081-2082 | 2082-2083 | 2083-2084 | 2084-2085 | 2085-2086 | 2086-2087 | 2087-2088 | 2088-2089 | 2089-2090 | 2090-2091 | 2091-2092 | 2092-2093 | 2093-2094 | 2094-2095 | 2095-2096 | 2096-2097 | 2097-2098 | 2098-2099 | 2099-2100 | 2100-2101 | 2101-2102 | 2102-2103 | 2103-2104 | 2104-2105 | 2105-2106 | 2106-2107 | 2107-2108 | 2108-2109 | 2109-2110 | 2110-2111 | 2111-2112 | 2112-2113 | 2113-2114 | 2114-2115 | 2115-2116 | 2116-2117 | 2117-2118 | 2118-2119 | 2119-2120 | 2120-2121 | 2121-2122 | 2122-2123 | 2123-2124 | 2124-2125 | 2125-2126 | 2126-2127 | 2127-2128 | 2128-2129 | 2129-2130 | 2130-2131 | 2131-2132 | 2132-2133 | 2133-2134 | 2134-2135 | 2135-2136 | 2136-2137 | 2137-2138 | 2138-2139 | 2139-2140 | 2140-2141 | 2141-2142 | 2142-2143 | 2143-2144 | 2144-2145 | 2145-2146 | 2146-2147 | 2147-2148 | 2148-2149 | 2149-2150 | 2150-2151 | 2151-2152 | 2152-2153 | 2153-2154 | 2154-2155 | 2155-2156 | 2156-2157 | 2157-2158 | 2158-2159 | 2159-2160 | 2160-2161 | 2161-2162 | 2162-2163 | 2163-2164 | 2164-2165 | 2165-2166 | 2166-2167 | 2167-2168 | 2168-2169 | 2169-2170 | 2170-2171 | 2171-2172 | 2172-2173 | 2173-2174 | 2174-2175 | 2175-2176 | 2176-2177 | 2177-2178 | 2178-2179 | 2179-2180 | 2180-2181 | 2181-2182 | 2182-2183 | 2183-2184 | 2184-2185 | 2185-2186 | 2186-2187 | 2187-2188 | 2188-2189 | 2189-2190 | |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
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APPENDIX I—continued.

Statement of Expenditure for the year 1899-1900.

| PARTICULARS. | Part I. | Part II. | Part III. | Part IV. | Part V. | Part VI. | Part VII. | Part VIII. | Special toll. | Total. |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| CHARGES DISTRIBUTED. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. |
| Control establishment | 44,167 0 6 | 22,083 8 2 | 11,041 12 1 | 44,167 0 6 | ..... | 11,041 12 1 | 22,083 8 2 | 44,167 0 6 | ..... | 1,28,751 10 0 |
| Dredger expenses | 23,435 7 10 | 15,623 10 7 | ..... | 15,623 10 8 | ..... | ..... | ..... | 23,435 7 11 | ..... | 78,118 5 0 |
| Interest and Sinking Fund on loans | 3,85,563 12 2 | 2,53,345 15 0 | 18,279 15 10 | 1,06,363 11 0 | ..... | 1,28,386 1 4 | 52,767 1 0 | 2,03,664 13 6 | ..... | 11,48,331 5 10 |
| Engineering establishment | 15,889 9 11 | 7,694 12 11 | 7,694 12 11 | ..... | ..... | 7,694 12 11 | ..... | 23,084 6 10 | ..... | 61,558 7 6 |
| Repairs to officers' quarters | 426 8 4 | 170 9 8 | ..... | 426 8 4 | ..... | ..... | ..... | ..... | ..... | 1,033 10 4 |
| Municipal taxes, repairs, &c., to Dockyard | 7,969 7 1 | 1,977 5 9 | 1,977 5 9 | 7,969 7 1 | ..... | 1,977 5 9 | 3,954 10 7 | 5,932 1 4 | ..... | 31,637 11 4 |
| Establishment of Traffic Department | 13,335 13 9 | 6,667 14 10 | 6,667 14 10 | ..... | ..... | 13,335 13 9 | ..... | 13,335 13 8 | ..... | 53,343 6 10 |
| Municipal taxes | 41,447 0 0 | 502 0 0 | 13,063 0 0 | 1,307 0 0 | ..... | 4,522 0 0 | 251 0 0 | 502 0 0 | ..... | 61,794 0 0 |
| CHARGES WHOLLY DEBITED TO SEVERAL PARTS. | | | | | | | | | | |
| Establishment | 2,45,025 11 11 | 64,983 10 1 | 5,464 5 3 | 2,59,293 12 8 | ..... | 77,145 5 7 | 2,11,382 10 5 | 3,32,841 14 8 | 20,888 15 1 | 112,17,026 3 8 |
| Working expenses | 3,67,144 4 10 | 6,478 11 5 | ..... | 48,749 10 11 | ..... | 1,50,340 14 7 | 1,42,767 8 3 | 11,09,991 13 2 | ..... | 18,25,472 18 2 |
| Repairs to jetties, wharves and buildings, &c. | 85,804 2 10 | 78,130 2 8 | 8,637 0 11 | ..... | ..... | ..... | ..... | 35,907 15 3 | ..... | 2,08,288 5 3 |
| Do. tools and plant | 33,587 2 11 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 33,587 2 11 |
| Pensions and compassionate allowances | 11,792 12 10 | 766 9 7 | ..... | 27,282 2 6 | ..... | 240 0 0 | 87 12 0 | ..... | ..... | 40,109 4 11 |
| Sibpur chur land | ..... | 8,983 3 6 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 8,983 3 6 |
| Renewals and improvements | ..... | 21,577 5 0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 21,577 5 0 |
| Insurance | ..... | 6,634 4 0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 6,634 4 0 |
| Rent of Strand Bank lands paid to Government | ..... | ..... | 37,292 0 0 | ..... | ..... | ..... | ..... | ..... | ..... | 37,292 0 0 |
| River Police establishment | ..... | ..... | ..... | 50,552 14 1 | ..... | ..... | ..... | ..... | ..... | 50,552 14 1 |
| Moordafarah ditto | ..... | ..... | ..... | 1,814 2 8 | ..... | ..... | ..... | ..... | ..... | 1,814 2 8 |
| Depreciation account | ..... | ..... | ..... | 55,110 0 0 | ..... | ..... | ..... | 50,000 0 0 | ..... | 1,05,110 0 0 |
| Repairs to boats and vessels, &c. | ..... | ..... | ..... | 66,433 12 1 | ..... | ..... | ..... | 96,284 13 2 | ..... | 1,62,638 9 3 |
| Repayment of Government consolidated loan | ..... | ..... | ..... | ..... | 2,02,139 4 7 | ..... | ..... | ..... | ..... | 2,02,139 4 7 |
| Sinking Fund of Debenture Loan of 1881 | ..... | ..... | ..... | ..... | 599 5 4 | ..... | ..... | ..... | ..... | 599 5 4 |
| Trustees of Sinking Fund of Debenture Loan of 1881 | ..... | ..... | ..... | ..... | 39,620 2 11 | ..... | ..... | ..... | ..... | 39,620 2 11 |
| Investment of Sinking Fund of Debenture Loan of 1881 | ..... | ..... | ..... | ..... | 38,601 6 11 | ..... | ..... | ..... | ..... | 38,601 6 11 |
| Sinking Fund of Debenture Loan of 1883 | ..... | ..... | ..... | ..... | 1,468 1 2 | ..... | ..... | ..... | ..... | 1,468 1 2 |
| Trustees of Sinking Fund of Debenture Loan of 1883 | ..... | ..... | ..... | ..... | 76,126 14 6 | ..... | ..... | ..... | ..... | 76,126 14 6 |
| Investment of Sinking Fund of Debenture Loan of 1883 | ..... | ..... | ..... | ..... | 74,587 14 10 | ..... | ..... | ..... | ..... | 74,587 14 10 |
| Sinking Fund of Debenture Loan of 1886 | ..... | ..... | ..... | ..... | 1,263 5 1 | ..... | ..... | ..... | ..... | 1,263 5 1 |
| Trustees of Sinking Fund of Debenture Loan of 1886 | ..... | ..... | ..... | ..... | 29,429 15 6 | ..... | ..... | ..... | ..... | 29,429 15 6 |
| Investment of Sinking Fund of Debenture Loan of 1886 | ..... | ..... | ..... | ..... | 96,859 15 8 | ..... | ..... | ..... | ..... | 96,859 15 8 |
| Sinking Fund of 1st Debenture Loan of 1895 | ..... | ..... | ..... | ..... | 56 7 5 | ..... | ..... | ..... | ..... | 56 7 5 |
| Trustees of Sinking Fund of 1st Debenture Loan of 1895 | ..... | ..... | ..... | ..... | 3,700 9 3 | ..... | ..... | ..... | ..... | 3,700 9 3 |
| Investment of Sinking Fund of 1st Debenture Loan of 1895 | ..... | ..... | ..... | ..... | 5,713 11 3 | ..... | ..... | ..... | ..... | 5,713 11 3 |

APPENDIX I—continued.

Statement of Assets on 31st March 1960.

[illegible]

[illegible]

APPENDIX I—continued.

Statement of Assets on 31st March 1900—concluded.

| PARTICULARS. | Part I. | Part II. | Part III. | Part IV. | Part V. | Part VI. | Part VII. | Part VIII. | Special toll. | Marine Deposits. | Miscellaneous accounts. | Total. |
|--|-------------------------|--------------------------|-------------------------|-------------------------|------------------------------|--------------------------|--------------------|-------------------------|--------------------|--------------------|-------------------------|--------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Brought forward ... | Rs. A. P. 40,002 0 3 | Rs. A. P. 30,003 10 4 | Rs. A. P. 48,272 5 0 | Rs. A. P. 28,213 3 0 | Rs. A. P. 6,07,28,072 8 3 | Rs. A. P. 42,987 14 5 | Rs. A. P. | Rs. A. P. 16,690 5 2 | Rs. A. P. | Rs. A. P. | Rs. A. P. 348 15 6 | Rs. A. P. 6,09,35,880 13 11 |
| Investment of Sinking Fund of 2nd Debenture Loan of 1899 ... | 1,43,810 7 8 | | | | | | | | | | | |
| Rs. | | | | | | | | | | | | |
| 4½ per cent. Port Trust Debentures of 1883 for ... | 500 | | | | | | | | | | | |
| 5½ per cent. Port Trust Debentures of 1884 for ... | 29,800 | | | | | | | | | | | |
| 4 per cent. Port Trust Debentures of 1895 for ... | 95,800 | | | | | | | | | | | |
| 4 per cent. Port Trust Debentures of 1899 for ... | 3,000 | | | | | | | | | | | |
| 4½ per cent. Port Trust Debentures of 1899 for ... | 500 | | | | | | | | | | | |
| 1,29,600 | | | | | | | | | | | | |
| Cash in hand of Trustees ... | 373 10 8 | | | | 1,44,184 2 1 | | | | | | | 1,44,184 2 1 |
| Investment of Sinking Fund of Deben- ture Loan 1897 ... | 83,954 6 11 | | | | | | | | | | | |
| Rs. | | | | | | | | | | | | |
| 4½ per cent. Port Trust Debentures of 1881 for ... | 3,000 | | | | | | | | | | | |
| 4½ per cent. Port Trust Debentures of 1883 for ... | 3,000 | | | | | | | | | | | |
| 5½ per cent. Port Trust Debentures of 1886 for ... | 18,500 | | | | | | | | | | | |
| 4 per cent. Port Trust Debentures of 1895 for ... | 46,500 | | | | | | | | | | | |
| 4½ per cent. Port Trust Debentures of 1899 for ... | 6,000 | | | | | | | | | | | |
| 76,500 | | | | | | | | | | | | |
| Cash in hand of Trustees ... | 193 10 8 | | | | 84,145 1 7 | | | | | | | 84,145 1 |
| Investment of Sinking Fund of 4½ per cent. Debenture Loan of 1899 ... | 24,266 6 3 | | | | | | | | | | | |
| Rs. | | | | | | | | | | | | |
| 4½ per cent. Port Trust Debentures of 1881 ... | 11,000 | | | | | | | | | | | |
| 4½ per cent. Port Trust Debentures of 1883 ... | 1,500 | | | | | | | | | | | |
| 4 per cent. Port Trust Debentures and Loan of 1899 ... | 10,500 | | | | | | | | | | | |
| 23,000 | | | | | | | | | | | | |
| Cash in hand of Trustees ... | 2,601 6 1 | | | | 26,987 12 4 | | | | | | | 26,987 12 4 |

| | | | | |
|---|--|-----|---------|---|
| Investment of Sinking Fund of 8 per cent. End Debenture Loan of 1899 ... | | Rs. | 15,47 | 8 |
| 4 per cent. Port Trust Debentures of 1890 ... | | Rs. | 10,000 | |
| 4 per cent. Port Trust Debentures of 1899 ... | | Rs. | 4,800 | |
| | | Rs. | 14,800 | |
| Cash in hand of Trustees ... | | Rs. | 796 6 7 | |
| Suspense Account ... | | Rs. | | |
| Depreciation of Port Block ... | | Rs. | | |
| Discount on 54 per cent. 30 lakh Debenture Loan of 1898 ... | | Rs. | | |
| Investment in Government securities of Funds of Chittico Lal's Bathing Ghat— | | Rs. | | |
| 34 per cent. Government Loan of 1905 for ... | | Rs. | 15,000 | |
| Investment in Government Securities of Funds of Chintamoney Dey's Bathing Ghat— | | Rs. | | |
| 31 per cent. Government Loan of 1854-55 for ... | | Rs. | 7,000 | |
| Investment of Fine Fund— | | Rs. | | |
| 31 per cent. Government Loan of 1895 for ... | | Rs. | 4,000 | |
| Fine Fund Account ... | | Rs. | | |
| Government Savings Bank ... | | Rs. | | |
| Government Promissory Notes of Depositors ... | | Rs. | | |
| Revenue Loss ... | | Rs. | | |
| Cash Balance on 31st March 1900 ... | | Rs. | | |
| TOTAL ... | | Rs. | | |

APPENDIX I—continued.
Statement of Liabilities on 31st March 1900.

| PARTICULARS. | Part I. | Part II. | Part III. | Part IV. | Part V. | Part VI. | Part VII. | Part VIII. | Special toll. | Marine Deposits. | Miscellaneous Account. | Total. |
|---|----------------|----------------|--------------|--------------|------------------|----------------|---------------|---------------|---------------|------------------|------------------------|------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. |
| Bills recoverable | 20,902 0 3 | 20,085 10 4 | 38,272 5 0 | 8,013 3 0 | 3,565 13 0 | 42,987 14 5 | | | 16,626 5 2 | | | 1,47,368 5 8 |
| Deposit Account | | 3,901 9 9 | 2,317 0 9 | | | | | | 1,216 5 3 | 17,306 6 3 | 344 15 6 | 28,367 3 0 |
| Loan from Government for Wharves and Jetties | | | | | 28,03,299 2 7 | | | | | | | 28,03,299 2 7 |
| Book debt for Port Block | | | | | 17,65,000 0 0 | | | | | | | 17,65,000 0 0 |
| Loan from Government for Docks | | | | | 2,87,70,565 14 8 | | | | | | | 2,87,70,565 14 8 |
| Contribution from Revenue for repayment of Loan | | | | | 34,21,800 13 5 | | | | | | | 34,21,800 13 5 |
| Ditto ditto for Renewal of Block | | | | | 92,824 14 3 | | | | | | | 92,824 14 3 |
| Ditto ditto for stock | | | | | 60,000 0 0 | | | | | | | 60,000 0 0 |
| Ditto from Government for road north of Ahareetollah Ghat. | | | | | 74,584 0 0 | | | | | | | 74,584 0 0 |
| Contribution from Revenue for New Works | | | | | 58,64,757 0 3 | | | | | | | 58,64,757 0 3 |
| 4 per cent. 10 lakhs Debenture Loan of 1881 | | | | | 10,00,000 0 0 | | | | | | | 10,00,000 0 0 |
| 4 per cent. 20 do. ditto of 1883 | | | | | 20,00,000 0 0 | | | | | | | 20,00,000 0 0 |
| 4 per cent. 30 do. ditto of 1886 | | | | | 30,00,000 0 0 | | | | | | | 30,00,000 0 0 |
| 4 per cent. 14 do. 1st ditto of 1895 | | | | | 1,50,000 0 0 | | | | | | | 1,50,000 0 0 |
| 4 per cent. 16 do. 2nd ditto of 1895 | | | | | 16,00,000 0 0 | | | | | | | 16,00,000 0 0 |
| 4 per cent. 15 do. ditto of 1897 | | | | | 15,00,000 0 0 | | | | | | | 15,00,000 0 0 |
| 4 per cent. 124 do. 1st ditto of 1899 | | | | | 12,50,000 0 0 | | | | | | | 12,50,000 0 0 |
| 4 per cent. 15 do. 2nd ditto of 1899 | | | | | 15,00,000 0 0 | | | | | | | 15,00,000 0 0 |
| Sinking Fund of Debenture Loan of 1881 | | | | | 4,99,781 11 1 | | | | | | | 4,99,781 11 1 |
| Ditto ditto of 1883 | | | | | 8,68,041 6 5 | | | | | | | 8,68,041 6 5 |
| Ditto ditto of 1886 | | | | | 9,61,473 7 10 | | | | | | | 9,61,473 7 10 |
| Ditto 1st ditto of 1895 | | | | | 15,125 13 2 | | | | | | | 15,125 13 2 |
| Ditto 2nd ditto of 1895 | | | | | 1,44,184 2 1 | | | | | | | 1,44,184 2 1 |
| Ditto ditto of 1897 | | | | | 84,148 1 7 | | | | | | | 84,148 1 7 |
| Ditto 1st ditto of 1899 | | | | | 26,957 12 4 | | | | | | | 26,957 12 4 |
| Ditto 2nd ditto of 1899 | | | | | 19,270 1 0 | | | | | | | 19,270 1 0 |
| Premium on Debenture Loan of 1881 | | | | | 62,687 8 0 | | | | | | | 62,687 8 0 |
| Ditto ditto of 1883 | | | | | 36,387 8 0 | | | | | | | 36,387 8 0 |
| Ditto 1st ditto of 1895 | | | | | 8,731 4 0 | | | | | | | 8,731 4 0 |
| Ditto 2nd ditto of 1895 | | | | | 1,51,549 6 0 | | | | | | | 1,51,549 6 0 |
| Ditto ditto of 1897 | | | | | 77,391 12 0 | | | | | | | 77,391 12 0 |
| Ditto ditto of 1899 | | | | | 80,909 11 0 | | | | | | | 80,909 11 0 |
| Ditto ditto of 1899 | | | | | 37,982 8 0 | | | | | | | 37,982 8 0 |
| Premium on sale of Securities Invested for Port Development Fund. | | | | | 34,251 12 4 | | | | | | | 34,251 12 4 |
| Jetty Reserve Fund | | | | | 99,300 0 0 | | | | | | | 99,300 0 0 |
| Jetty Insurance Fund | | | | | 50,012 7 2 | | | | | | | 50,012 7 2 |
| Port Reserve Fund | | | | | 3,53,746 12 5 | | | | | | | 3,53,746 12 5 |
| Depreciation Fund of Port Approaches | | | | | 3,11,131 2 6 | | | | | | | 3,11,131 2 6 |
| Dock Contingent Fund | | | | | 2,55,763 0 0 | | | | | | | 2,55,763 0 0 |
| Sale of Surplus Lands | | | | | 5,42,983 11 2 | | | | | | | 5,42,983 11 2 |
| Sale of right-of-way across the Railway Line at Bang Bazar. | | | | | 10,500 0 0 | | | | | | | 10,500 0 0 |
| Landing stage at Prinsep's Ghat transferred by Government to the Commissioners. | | | | | 10,00 0 0 | | | | | | | 10,000 0 0 |
| Sale of securities invested for Port Reserve Fund to meet a portion of the cost of a steam-launch for Deputy Conservator. | | | | | 10,503 3 7 | | | | | | | 10,503 3 7 |
| Fire Insurance Fund | | | | | 57,441 1 7 | | | | | | | 57,441 1 7 |
| Sale of a corrugated shed at Budge-Budge to Messrs. Gillanders, Arbuthnot & Co. | | | | | 52,470 0 0 | | | | | | | 52,470 0 0 |
| Sale of land at Shalimar to B. N. Railway | | | | | 9,81,045 5 6 | | | | | | | 9,81,045 5 6 |
| Depreciation Fund Account of Port | | | | | 66,032 0 0 | | | | | | | 66,032 0 0 |
| Interest on fixed deposit in the Bank of Bengal | | | | | 10,000 0 0 | | | | | | | 10,000 0 0 |
| Port Approaches Block transferred by Government to the Commissioners. | | | | | 6,21,163 0 0 | | | | | | | 6,21,163 0 0 |
| Marine deposits | | | | | | | | | | 83,267 10 0 | | 83,267 10 0 |
| Bathing Ghat to memory of Chuttoo Lall | | | | | | | | | | | 20,581 10 5 | 20,581 10 5 |
| Ditto ditto of Chintamony Day | | | | | | | | | | | 7,025 12 9 | 7,025 12 9 |
| Deposit in Government Savings Bank | | | | | | | | | | | 7,000 0 0 | 7,000 0 0 |
| Deposit of Government Promissory Notes of Contractors and others. | | | | | | | | | | | 1,18,200 0 0 | 1,18,200 0 0 |
| Deposit of Contractors and others. | | | | | | | | | | | 23,850 5 0 | 23,850 5 0 |
| Establishment for preparation of Bengal Office Statistical Returns. | | | | | | | | | | | 635 6 4 | 635 6 4 |
| Interest on Government Promissory Notes of Contractors and others. | | | | | | | | | | | 275 13 9 | 275 13 9 |
| Income-tax | | | | | | | | | | | 271 13 4 | 271 13 4 |
| Net Revenue | 37,04,138 15 6 | 4,29,888 15 10 | 4,04,305 8 5 | 4,48,005 4 7 | 1,30,551 11 11 | 3,80,992 11 10 | 5,08,419 15 0 | 23,47,675 6 6 | | | | 39,19,296 8 7 |
| Cash balance at hand on 31st March 1900 | | | | | | | | | | | 42,087 5 10 | 34,76,739 11 10 |

APPENDIX I—concluded.

General Summary of Income and Expenditure from 1st April 1899 to 31st March 1900.

| PARTICULARS. | | INCOME. | | | | EXPENDITURE. | | | | REMARKS. |
|---------------------------------------|-----------|-------------------------------|------------------------------|--|-----------|-------------------------------|------------------------------|--|--------|----------|
| | | ESTIMATE FOR 1899-1900. | ACTUALS. | | | ESTIMATE FOR 1899-1900. | ACTUALS. | | | |
| | | | As per Annual Account. | Rent and special toll deposits, &c. | Total. | | As per Annual Account. | Rent and special toll deposits, &c. | Total. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | Rs. | | |
| Part I.—Jetties ... | 16,04,750 | 17,52,780 | ..... | 17,52,780 | 12,79,558 | 12,74,629 | ..... | 12,74,629 | | |
| " II.—Inland Vessels Wharves ... | 5,11,900 | 5,31,178 | 1,751 | 5,32,929 | 4,81,357 | 4,88,994 | ..... | 4,88,994 | | |
| " III.—Strand Bank Lands ... | 1,66,994 | 1,83,538 | 185 | 1,83,723 | 1,16,362 | 1,16,752 | ..... | 1,16,752 | | |
| " IV.—Harbour Master's Department ... | 5,76,700 | 5,72,539 | ..... | 5,72,539 | 7,26,969 | 6,85,224 | ..... | 6,85,224 | | |
| " VI.—P. T. Railway ... | 4,20,000 | 4,96,014 | ..... | 4,96,014 | 3,80,886 | 3,94,684 | ..... | 3,94,684 | | |
| " VII.—Port Approaches ... | 4,92,875 | 4,96,990 | ..... | 4,96,990 | 5,73,048 | 5,80,149 | ..... | 5,80,149 | | |
| " VIII.—Dock Revenue Accounts ... | 18,71,500 | 16,50,063 | 6 | 16,50,069 | 29,12,840 | 30,92,174 | ..... | 30,92,174 | | |
| " Special Toll ... | 9,00,000 | 9,68,013 | 588 | 9,68,601 | 21,263 | 20,889 | ..... | 20,889 | | |
| Total ... | 65,43,819 | 66,51,115 | 2,530 | 66,53,645 | 64,92,283 | 66,53,495 | ..... | 66,53,495 | | |

Statement of Ways and Means.

| | Rs. | | Rs. |
|---------------------------------|-----------|--|-----------|
| Balance on 1st April 1899 ... | 5,97,376 | Working Results for the 12 months only— | |
| Add—Receipts as above ... | 66,53,645 | Receipts ... | 66,53,645 |
| Total ... | 72,51,021 | Expenditure ... | 66,53,495 |
| Deduct—Expenditure as above ... | 66,53,495 | Profit of Income over Expenditure during the 12 months ... | 159 |
| Balance on 31st March 1900 ... | 5,97,526 | | |

J. F. H. McINERNY,
Offg. Accountant.

J. H. ARJOHN,
Vice-Chairman.

The 9th July 1900.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, OCTOBER 17, 1900.

AUDITORS' REPORT ON HOWRAH BRIDGE ACCOUNTS FOR THE YEAR
ENDING 31st MARCH 1900.

No. L. A.
356.

FROM

THE AUDITORS OF THE ACCOUNTS OF THE COMMISSIONERS
OF THE HOWRAH BRIDGE,

TO

THE COMMISSIONERS OF THE HOWRAH BRIDGE, CALCUTTA.

Dated Calcutta, the 13th September 1900.

GENTLEMEN,

WE have the honour to report that the Accounts of the Howrah Bridge for the year ending 31st March 1900, have been audited under our supervision, and by our direction, and to certify that they have been found correct.

We append statements of (1) Income and Expenditure during the year under audit, and (2) Assets and Liabilities on the 31st March 1900, as obtained from your books.

The total expenditure for the year has exceeded the Budget Estimate by Rs. 7,574-3-1, without the supplementary sanction of Government, and is to that extent illegal.

We have the honour to be,

GENTLEMEN,

Your most obedient servants,

J. C. E. BRANSON,
Accountant-General, Bengal.

G. C. RAY,
Examiner of Local Accounts in Bengal.

PUBLISHED under the provisions of section 26, Act IX of 1871 and section 76 (2) of Act III (B.C.) of 1890.

By order of the Commissioners,
R. A. DONNITHORNE,
Secretary.

HOWRAH BRIDGE.

Statement of Income and Expenditure of Howrah Bridge for the year ending 31st March 1900.

| INCOME. | | | EXPENDITURE. | | |
|------------------------------------|--------------|---------------|---|--------------|---------------|
| | Rs. A. P. | Rs. A. P. | | Rs. A. P. | Rs. A. P. |
| <i>Revenue—</i> | | | <i>Revenue—</i> | | |
| Receipts from Railway Traffic. | 1,46,695 0 0 | | Proportion of salaries, &c., Control Establishment... | 22,083 8 2 | |
| Interest on Government Securities. | 28,003 8 0 | 1,74,698 8 0 | Proportion of interest and Sinking Fund on Trust Loans— | | |
| Sales | | 387 15 7 | Sinking Fund | 4,425 4 6 | |
| Miscellaneous Receipts | | 11 8 8 | Interest | 6,999 0 8 | 11,424 14 2 |
| Balance on 1st April 1899. | | | Proportion of repairs to Officers' quarters. | | 170 9 8 |
| | | 1,75,698 0 3 | Proportion of municipal taxes and repairs to Dockyard. | 7,909 7 1 | |
| | | 39,653 10 2 | Proportion of municipal taxes on Commissioners' property, Calcutta side | | 502 0 0 |
| | | | Salaries | 32,030 15 6 | |
| | | | Working expenses | 24,562 4 1 | |
| | | | Repairs | 65,916 7 10 | |
| | | | Establishment, &c., of Buckland. | 30,841 13 4 | |
| | | | Municipal taxes of Chief Officer's quarters | 203 15 6 | |
| | | | Compassionate Allowances | 1,092 18 3 | |
| | | | Renewals | 1,301 1 5 | |
| | | | Cash balance on 31st March 1900. | 19,416 11 3 | 1,98,099 14 0 |
| | | | <i>Less—</i> | | |
| | | | Uninvested balance of Reserve Fund. | 5,084 5 2 | |
| | | | Uninvested balance of Reserve section. | 651 14 3 | |
| | | | Uninvested balance of Pontoon Renewal Fund. | 6,028 11 5 | |
| | | | | 12,864 14 10 | |
| | | | | | 7,051 12 5 |
| TOTAL | | 2,05,151 10 5 | TOTAL | | 2,05,151 10 5 |

Examined and found correct.

J. F. H. McINERNY,
Offg. Accountant.
The 31st July 1900.

G. C. RAY,
Examiner of Local Accounts, Bengal.

J. H. APJOHN,
Vice-Chairman.

HOWRAH BRIDGE.

Statement of Assets and Liabilities of the Howrah Bridge on 31st March 1900.

ASSETS.

| | Rs. | A. P. |
|--|-----------|-------|
| Block of Howrah Bridge | 25,07,522 | 8 1 |
| Investment of } 3½ per cent. Government Loan of 1865 for Rs. 5,44,300 | | |
| Bridge Re- } 3½ ditto ditto 1854-55 for „ 35,600 | 7,90,480 | 11 3 |
| serve Fund. } 3½ ditto ditto 1842-43 for „ 2,20,200 | | |
| | 8,00,100 | |
| Reserve Section | 1,08,761 | 1 9 |
| Investment of } 3½ per cent. Government loan of 1842-43 for Rs. 50,000 | | |
| Pontoon Re- } 3½ ditto ditto 1854-55 for „ 14,000 | 61,738 | 8 0 |
| newal Fund. | | |
| | 64,000 | |
| Trust Account (Cash Balance) | 19,416 | 11 3 |
| TOTAL | 34,87,919 | 8 4 |

LIABILITIES.

| | | |
|---|-----------|------|
| Contribution from Revenue for repayment of loan | 22,41,800 | 0 0 |
| Ditto for new works | 3,58,409 | 8 1 |
| Ditto of Port for tug steamer <i>Hetty</i> | 40,313 | 0 0 |
| Reserve Fund | 7,71,978 | 0 5 |
| Pontoon Renewal Fund | 68,367 | 3 5 |
| Net Revenue | 7,051 | 12 5 |
| TOTAL | 34,87,919 | 8 4 |

Examined and found correct.

J. F. H. McINERNY,
Offg. Accountant.
The 31st July 1900.

G. C. RAY,
Examiner of Local Accounts, Bengal.

J. H. APJOHN,
Vice-Chairman.
(726-1)



The Calcutta Gazette.

WEDNESDAY, OCTOBER 24, 1900.

APPENDIX TO NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 266.

[First Publication.]

AUSTRALIA—FITZROY RIVER.

New cutting through the upstream portion, Upper Flats.

THE Port Master Brisbane, has given notice (No. 17 of 1900) that a New Cutting 200 feet wide, and carrying 14 feet at L.W.S., has been dredged through the upstream portion of the Upper Flats, Fitzroy River, and is now marked for Navigation.

Directions.—After passing the Upper Flats Lightship enter the cutting with leading lights and beacons in line astern bearing S. 55° E. as hitherto, and continue on that line until a black buoy boat, carrying a white light at night, is reached on the port hand, when a pair of white leading beacons, showing white lights at night, are to be brought in line astern bearing S. 38° E.; these mark the new cutting. Continue on this lead about three-quarters of a mile, then keep a mid-channel course as hitherto.

Australia Directory, vol. 2; Admiralty Chart No. 363.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 267.

[First Publication.]

ARABIA, NORTH-EAST COAST—PERSIAN GULF.

Bahrein harbour—Beacon erected.

THE following Notice to Mariners (No. 90 of 1900) issued by the Bombay Government is republished:—

Information has been received from the Officer Commanding R. I. M. S. *Lawrence* dated Bushire, 23rd September 1900, that a pole beacon with a basket cage on top painted black has been erected in the Bahrein harbour to mark the outer edge of Ras Zarwan Reef.

Position:—Fort near the south-west point of Mubarrak, S. 73° W., distance 2 miles 9½ cables.

| | | | | |
|-----------------|-----|-----|-----|-----------|
| Portuguese Fort | ... | ... | ... | S. 59° W. |
| Khaseifa Island | ... | ... | ... | N. 58° E. |

(The bearings are magnetic.)

This Notice affects the following Admiralty Charts:—Bahrein Harbour, No. 20; Persian Gulf, northern portion, No. 2837b; Also, Persian Gulf Pilot, 4th edition, 1898, page 135.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 268.

[First Publication.]

INDIA, WEST—KATHIAWAR COAST.

Dwarka point light temporarily discontinued.

THE following Notice to Mariners (No. 91 of 1900) issued by the Bombay Government is republished:—

Information has been received from the Resident at Baroda, dated 2nd October 1900, that the present light at Dwarka Point will be temporarily discontinued from 15th October 1900 for a couple of months pending the necessary alteration to the existing tower and placing of the improved apparatus for fixing a new light.

This Notice affects the following Admiralty Charts:—Dwarka Point to Diu Head, No. 1420; Gulf of Cutch, No. 43; Coasts of Sind and Cutch, including the Gulf of Cutch, No. 42; Gulf of Cutch to Viziadurg, No. 2736; Karachi to Vengurla, No. 826; Arabian Sea, No. 1012, and Indian Ocean, northern portion, No. 748b; also West Coast of Hindustan Pilot, 4th Edition, 1898, page 267; also Light List, Part VI, 1900, No. 211.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 269.

[First Publication.]

EASTERN ARCHIPELAGO—MALACCA STRAIT.

Perak river approach—Shoal eastward of Sembilan islands.

THE British Admiralty has given notice (No. 603 of 1900) of the existence of an unknown danger, situated eastward of the Sembilan islands.

The Master of the S.S. *Rosa* reports that, on 28th July 1900, at 8-30 A.M., his vessel, drawing 12 feet, struck heavily on a danger situated about 1½ miles S. E. from the north-east island of the Sembilan group (186 feet high on Chart No. 1009).

Approximate position on Chart No. 1009, to be considered doubtful, lat. 4° 3' 30" N., long. 100° 35' 10" E. (Notice No. 603 of 1900.)

(Variation 3° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—Acheh head to Tyingkok bay, No. 2760; Malacca strait, No. 1355; Butang group to Pulo Berhala, No. 793; approaches to Perak river, No. 1009; Also, China Sea Directory, vol. I, 1896, page 166.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 270.

[First Publication.]

AUSTRALIA, SOUTH—TASMANIA—PORT HOBART.

Sullivan's cove—Alteration in pier head lights.

THE British Admiralty has given notice (No. 604 of 1900) that the following alterations have been made in the lights exhibited on the pier heads in Sullivan's cove, Port Hobart:—

1. On Brook street pier head, a *white fixed* light is exhibited in place of the red and green lights formerly shown.
2. On Elizabeth street pier head, two *white fixed* lights are exhibited vertically in place of one white light formerly shown.
3. On Dunn street pier head, two *green fixed* lights are exhibited vertically in place of three lights, red, green, red formerly shown. (Notice No. 604 of 1900.)

Approximate position, lat. $42^{\circ} 53' S.$, long. $147^{\circ} 20' E.$

This Notice affects the following Admiralty Chart:—Port Hobart, No. 105: Also, List of Lights, part VI, page 222; Australia Directory, vol. I, 1897, page 706.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 271.

[First Publication.]

AUSTRALIA, SOUTH COAST—APOLLO BAY.

New jetty and light—Old jetty no longer available—Light discontinued.

THE British Admiralty has given notice (No. 606 of 1900) that the old jetty, situated three-quarters of a cable northward of the south (red) beacon on Bunbury point, Apollo bay, is no longer available, and the red light on it has been discontinued.

A new jetty, the inner end of which is situated $2\frac{1}{2}$ cables W. by N. $\frac{1}{2}$ N. from the north (white) beacon on Bunbury point, and extending thence 500 yards in a direction E. by N. $\frac{1}{2}$ N., into a depth of 12 feet at low water, has been constructed.

A fixed red light is exhibited from the head of this jetty, and two warping buoys are moored near it. (Notice No. 606 of 1900.)

Approximate position, lat. $38^{\circ} 46' S.$, long. $143^{\circ} 41' E.$

This Notice affects the following Admiralty Charts:—Bass strait, No. 1695b; Western approach to Bass strait, No. 1063; Anchorages in Bass strait, No. 1694: Also, List of Lights, Part VI, 1900, No. 1104; Australia Directory, vol. I, 1897, page 426.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 272.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kutabdia bank—No buoys on South Patches.

THE British Admiralty has given notice (No. 614 of 1900) that there are now no buoys on South patches, Kutabdia bank; these buoys have consequently been removed from the Admiralty Charts. (Notice No. 614 of 1900.)

Approximate position, lat. $21^{\circ} 30' N.$, long. $91^{\circ} 39' E.$

This Notice affects the following Admiralty Chart:—Muttah river to Elephant point, No. 859: Also, Bay of Bengal Pilot, 1892, pages 217, 218; Hydrographic Notice, No. 4, of the year 1895.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 20th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 252.

[Second Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Chittagong river—Depth of water in the outer bar.

WITH reference to Notice to Mariners No. 250, dated the 8th October, issued by this office, a telegraphic communication has been received from the Port Officer, Chittagong, stating that the water in the outer bar of the Old channel is now only 7 feet reduced. All vessels taking pilots are warned that the New channel (not buoyed) has 11 feet reduced.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 253.

[Second Publication.]

CHINA—TUNG HAI OR EASTERN SEA.

Great Yang tse bank—Shoal reported to the north-eastward of it.

THE British Admiralty has given notice (No. 560 of 1900) that information, dated 22nd August 1900, has been received from the General Manager of the Peninsular and Oriental Company that the S.S. *Socotra*, drawing 18½ feet, when on a voyage from Japan to Shanghai, struck on a shoal north-eastward of the Great Yang tse bank at 9h. 40m. P.M. on 5th June 1900, in approximately lat. 32° 9' N., long. 125° 7' E., and that, when the vessel was subsequently docked, clay and stones were found adhering to the damaged portion of the bottom. A shoal, with a depth of 3 fathoms over it, has in consequence been placed on the Chart in the above position.

It is to be observed that in 1896 the P. and O. S.S. *Shanghai* reported having obtained a sounding of 9 fathoms, just after noon, in lat. 32° 1' N., long. 125° 9' E.: the weather at the time was fine, but foggy, and consequently no astronomical observations were obtained. On receipt of this report Notice to Mariners No. 312 of 1896 was issued, and amended afterwards by Notice to Mariners No. 618 of 1896.

In December 1896 H.M.S. *Porer* was sent to search for this reported shoal, and sounded over an area of 4 miles without finding any such depths. When this information was received, Notice to Mariners No. 340 of 1897 was issued, expunging the 9-fathom sounding from the Chart.

These are, however, not the only reports of a shoal in this locality, as in 1868 H.M. Surveying Vessel *Sylia* searched for breakers reported by P.M. S.S. *Costa Rica* in lat. 32° 10' N., long. 125° 3' E., without finding any sign of danger, the depths all round being very even (about 25 fathoms) over a space of 15 square miles.

Whilst it is difficult to suppose that a danger could continuously exist on a route so much frequented as that between the Yang tse and Japan without having been more frequently reported, it is evident a bank of some sort must have existed somewhere in the neighbourhood in June last, and, until the area has been thoroughly examined, mariners are warned to avoid the locality.

It is not impossible that such banks may occasionally be formed by the deposit brought down by the Yang tse when in flood, and afterwards dispersed by wave action in the N.E. monsoon. (*Notice No. 560 of 1900.*)

This Notice affects the following Admiralty Charts:—China sea, No. 1263; Nipon island, &c., No. 2347; Hongkong to Liao tung gulf, No. 1262; Amoy to Nagasaki, No. 2412: Also, China Sea Directory, vol. III. 1894, page 518; and Supplement, 1898, page 27.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 254.

[Second Publication.]

PACIFIC OCEAN—PHILIPPINES—LUZON—LINGAYEN GULF.

Port Sual—Light not exhibited—Information on shoals.

THE British Admiralty has given notice (No. 565 of 1900) that no light is exhibited on Portuguese point, port Sual, also that "Adela rocks" are in reality a sand spit extending from Mangas point, and that there are several rocky heads in the northern part of the port.

Approximate position, lat. $16^{\circ} 6' N.$, long. $120^{\circ} 6' E.$

NOTE.—The plan of port Sual on Admiralty Chart No. 2454 must be used with caution. (*Notice No. 565 of 1900.*)

This Notice affects the following Admiralty Charts:—Island of Luzon, No. 2454: Also, List of Lights, part VI, 1900, No. 625; Eastern Archipelago, part I, 1890, pages 44, 45; Revised Supplement, 1898, relating to that work, page 4, and China Sea Directory, vol. II, 1899, pages 321, 322.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 255.

[Second Publication.]

PACIFIC OCEAN—PHILIPPINES—LUZON ISLAND.

Shoals westward of Polillo island.

THE British Admiralty has given notice (No. 566 of 1900) that a shoal, with a depth of 9 feet over it, is reported to exist in the channel between Polillo island and Luzon, about midway between S. Miguel and Inagikan point, in approximately lat. $14^{\circ} 48' N.$, long. $121^{\circ} 54' E.$ (*Notice No. 566 of 1900.*)

This Notice affects the following Admiralty Charts:—China sea, No. 2661b; Philippine islands, No. 943; St. Barnardino and Mindoro straits, No. 2577: Also, Eastern Archipelago, part I, 1890, page 337.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 256.

[Second Publication.]

PACIFIC OCEAN—NEW CALEDONIA.

Tchic—Custom house—Pilot station, &c.

WITH reference to Notice to Mariners No. 81, dated the 21st April 1899, issued by this office, the British Admiralty has given further notice (No. 567 of 1900) that there is a Custom house and Pilot station at Tchic. Vessels need not necessarily therefore proceed to Nouméa for the purpose of entry and clearance when bound to Tchic. (*Notice No. 567 of 1900.*)

Approximate position, lat. $21^{\circ} 37' S.$, long. $166^{\circ} 13' E.$

This Notice affects the following Admiralty Chart:—New Caledonia, No. 936b: Also, Pacific islands, vol. I, part II, 1893, page 111.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 257.

[Second Publication.]

PACIFIC OCEAN—THE PHILIPPINES—MINDANAO, NORTH-EAST COAST.

Reef extending from point Kaut.

THE British Admiralty has given notice (No. 569 of 1900) that it is reported a reef extends north-eastward from point Kaut for a distance of fully 5 miles.

Approximate position, lat. $9^{\circ} 22' N.$, long. $126^{\circ} 17' E.$

Also, that the islands between Mindanao and Dinagat are very incorrectly charted, and a note to this effect has been placed on the Chart. (*Notice No. 569 of 1900.*)

This Notice affects the following Admiralty Charts:—Philippine islands, No. 943; Sulu sea, No. 2578: Also, Eastern Archipelago, part I, 1890, page 127.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 258.

[Second Publication.]

AUSTRALIA—QUEENSLAND—PORT CURTIS.

Gatcombe head and leading lights—Intended alteration and exhibition.

THE British Admiralty has given notice (No. 572 of 1900) that it is intended to make the following alterations and additions to the lights of port Curtis:—

1. Gatcombe head. A new *fixed* light, elevated 122 feet above high water, and visible in clear weather from a distance of 13 miles, will be exhibited showing the following sectors:—*white* from the bearing of $S. 29^{\circ} W.$, through west, to $N. 70^{\circ} W.$; obscured from $N. 70^{\circ} W.$ to $N. 45^{\circ} W.$; *white* from $N. 45^{\circ} W.$, through north, to $N. 21^{\circ} E.$; *red* from $N. 21^{\circ} E.$ to $N. 43^{\circ} E.$; *white* from $N. 43^{\circ} E.$ to the land.

It will be shown from a cylindrical tower, 38 feet high, painted white with red dome, now being erected about three-quarters of a cable $N. 11^{\circ} E.$ from the present light.

When this light is exhibited the present light will be extinguished.

Approximate position, lat. $23^{\circ} 53' S.$, long. $151^{\circ} 23' E.$

2. Near the entrance to the Boyne river, two 4th order leading lights will be established: the front light, elevated 66 feet above high water and visible 12 miles, will be shown from a skeleton tower, 30 feet high, painted white; the rear light, elevated 121 feet above high water and visible 14 miles, will be shown from a square building painted white on a hill at a distance of $9\frac{1}{2}$ cables $S. 75^{\circ} W.$ from the front light.

These lights, in line $S. 75^{\circ} W.$, are intended to lead through the south channel entrance.

3. On the western slope of Gatcombe head two other leading lights will be established: the front light, elevated 32 feet above high water, will be shown from a small house; and the rear light, elevated 66 feet above high water, from a skeleton tower.

It is expected that these leading lights will be ready for exhibition shortly, but further notice on the subject will be given. (*Notice No. 572 of 1900.*)

(*Variation 8° Easterly in 1900.*)

This Notice affects the following Admiralty Charts:—Sandy cape to Keppel islands, No. 345; Port Curtis, No. 1900: Also, List of Lights, part VI, 1900, No. 1265, page 206; and Australia Directory, vol. II, 1898, page 178.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 259.

[Second Publication.]

AUSTRALIA, EAST COAST.

Pipon island light—Intended exhibition of and withdrawal of channel rock light-vessel.

THE British Admiralty has given notice (No. 574 of 1900) that, on or about 15th November 1900, a dioptric fixed light of the 4th order would be exhibited from the southern island of the Pipon group.

Pipon island light will be elevated 55 feet above high water, and visible in clear weather from a distance of 13 miles, and will show the following sectors:—*White* from the bearing of N. 72° W., through north, to N. 53° E.; *red* from N. 53° E. to N. 76° E.; *white* from N. 76° E. to N. 88° E.

It will be exhibited from a skeleton tower 60 feet high, and painted red, erected on the southern island in lat. 14° 7' 20" S., long. 144° 30' 50" E.

When this light is exhibited Channel rock light-vessel will be withdrawn.

Further notice will be given when information has been received that these alterations have been made. (*Notice No. 574 of 1900.*)

(Variation 5° Easterly in 1900.)

This Notice affects the following Admiralty Chart:—Turtle group to Claremont point, No. 2922; Also, List of Lights, part VI, 1900, page 214, No. 1328; and Australia Directory, vol. II, 1898, page 365.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 260.

[Second Publication.]

AUSTRALIA, EAST COAST—GRAFTON PASSAGE.

Shoal soundings obtained.

THE British Admiralty has given notice (No. 575 of 1900) that information, dated 1st June 1900, has been received from Commander N. G. Macalister, H. M. S. *Torch*, that the following shoal soundings were obtained from his vessel when passing through Grafton passage:—

1. A sounding of 8 fathoms with summit of Fitzroy island bearing S. 31° W., and False cape S. 60° W.
Approximate position, lat. 16° 45' S., long. 146° 8' E.
2. A sounding of 9 fathoms with south shoulder of Fitzroy island in line with north-west Bell peak S. 30° W., and False cape S. 58° W.
3. A sounding of 9 fathoms with south shoulder of Fitzroy island in line with north-west Bell peak S. 30° W., and Euston reef centre S. 58° E. (*Notice No. 575 of 1900.*)

(Variation 6° Easterly in 1900.)

This Notice affects the following Admiralty Charts:—Cape Grafton to Hope islands, No. 2924; Double island to cape Grafton, No. 2350; Also, Australia Directory, vol. II, 1898, page 376.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 261.

[Second Publication.]

AUSTRALIA—NORTH-WEST COAST.

Non-existence of Eldorado rocks and Squaw shoals.

THE British Admiralty has given notice (No. 576 of 1900) respecting an unsuccessful search for the undermentioned rocks and shoal off the north-west coast of Australia:—

1. ELDORADO ROCKS, in approximately lat. 18° 20' S., long. 117° 45' E., were searched for over an area of 230 square miles in their reported locality, in exceptionally clear and fine weather. Nothing, however, was seen or any indication of shoal water found, the soundings of from 160 to 350 fathoms, showing a gradual slope of the bottom to the north-westward.

These rocks were reported to have been seen from a distance of 5 or 6 miles by M. Pertis, of the French ship *Eldorado*, on 20th May 1879, the weather at the time being cloudy with rain, and a sounding of 105 fathoms being also obtained. They appeared to consist of two rocks from 16 to 18 feet high. In 1880 the Admiralty surveying vessel *Meda* devoted several days to the search for these rocks without seeing them, and, as the *Penguin* has now been equally unsuccessful, it is considered that these rocks do not exist, and they have consequently been erased from the Charts.

2. SQUAW SHOAL, reported in 1860 as a dangerous 10-feet patch, in approximately lat. $20^{\circ} 41' S.$, long. $114^{\circ} 17' E.$, was also searched for without effect. An area of 200 square miles was sounded over in the reported vicinity of this shoal, during exceptionally clear and fine weather, with a very long ocean swell, and the bottom was found to have a gradual slope to the north-westward, the depth over the reported position being 539 fathoms globigerina ooze.

The German frigate *Gazelle* in 1875, and the Admiralty surveying vessel *Meda* in 1880, passed over the assigned position of this danger, and H. M. surveying vessel *Penguin* on a previous voyage in 1891 passed within $1\frac{1}{2}$ miles of it without seeing any indication of shoal water. It is therefore considered that this shoal cannot exist, and it has been erased from the Charts. (Notice No. 576 of 1900.)

This Notice affects the following Admiralty Charts:—Indian ocean, No. 748a; Australia, northern portion, No. 2759a; Bedout island to cape Cuevier, No. 1055; North-west coast of Australia, No. 475; Buccaneer Archipelago to Bedout island, No. 1048; Also, Australia Directory, vol. III, 1895, pages 271, 302; and Supplement, 1898, relating to that work, page 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 262.

[Second Publication.]

CHINA—PE CHILI STRAIT.

Rock in Chang Shan channel.

THE British Admiralty has given notice (No. 585 of 1900) of the existence of a sunken ledge in Chang Shan channel, gulf of Pe Chili.

This ledge, which is of small extent, has a depth of $3\frac{1}{2}$ fathoms over it, and is situated with Rock (25 feet high) bearing S. $18^{\circ} W.$, distant four cables, and the north-east extreme of Chang Shan island, S. $63^{\circ} E.$ (Notice No. 585 of 1900.)

Approximate position, lat. $38^{\circ} 0' 30'' N.$, long. $120^{\circ} 40' 20'' E.$

(Variation 3° Westerly in 1900.)

This Notice affects the following Admiralty Charts:—Pe Chili and Lian tung gulfs No. 1256; Kyau chau bay to Mau-tau strait, No. 1255; Pe Chili strait, No. 1392; Also China Sea Directory, vol. III, 1894, page 567.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 263.

[Second Publication.]

AFRICA, EAST COAST—ZANZIBAR HARBOUR.

Leading lights and light-vessel established in English Pass.

THE British Admiralty has given notice (No. 588 of 1900) that white fixed lights are now shown from the white stone pillar on Bet-el-Ras, and also from the mast on the edge of the reef. These two lights which, when in line bear N. E. $\frac{1}{4}$ E., lead clear of the turning buoy into the harbour.

A small vessel showing a red fixed light, visible 2 miles, has been moored between the red buoys in English pass. (Notice No. 588 of 1900.)

Approximate position, lat. $6^{\circ} 7' 45''$ S., long. $39^{\circ} 12' 25''$ E.

This Notice affects the following Admiralty Charts:—Pangani to Ras Kimbiji, &c., No. 640b; Zanzibar harbour, No. 665; Also, List of Lights, part VI, 1900, page 20; African Pilot, part III, 1897, page 440.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 204.

[Second Publication.]

NEW ZEALAND—NORTH ISLAND.

East island—Light exhibited.

With reference to Notice to Mariners No. 13, dated the 20th January 1900, issued by this office, the British Admiralty has given further notice (No. 595 of 1900) that a dioptric light of the 2nd order was exhibited from the lighthouse on East island off East cape on the 9th August 1900.

East island light is a flashing white light every ten seconds; it is elevated 362 feet above high water, and visible in clear weather from a distance of 22 miles, seaward, over an about 280° , or as far as the land will permit.

The lighthouse is an iron tower 69 feet high, painted white. (Notice No. 595 of 1900.)

Approximate position, lat. $37^{\circ} 40'$ S., long. $178^{\circ} 36'$ E.

This Notice affects the following Admiralty Charts:—New Zealand, No. 1212; Major island to Poverty Bay, No. 2527; Also, List of Lights, part VI, 1900, No. 1411; and New Zealand Pilot, 1891, page 147.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 205.

[Second Publication.]

AUSTRALIA.

Gatecombe head light—Notices Nos. 11 and 15 amended.

With reference to Notice to Mariners No. 200, dated 11th August last, issued by this office, the Port Master, Brisbane, has given notice (No. 16 of 1900) that the sectors of the Gatecombe Head Light have been re-adjusted as follows, namely:—

White between S. 46° W. and N. 71° W. (Intensified on northern edge.)

Obscured between N. 71° W. and N. 46° W.

White between N. 46° W. and N. 17° E.

Red between N. 17° E. and N. 37° E.

White between N. 37° E. and N. 65° E.

Obscured between N. 65° E. and S. 46° W.

Between the bearings of S. 46° W. and about S. 42° W. a dim light is visible, which must not be mistaken for the white sector to the southward.

Bearings are magnetic and from seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 5th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 250.

[Third Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Chittagong river.—Depth of water on the outer bar.

THE Port Officer, Chittagong, has given notice that the water on the outer bar, Chittagong river, now is 9 feet reduced to zero. Mariners are accordingly warned.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 251.

[Third Publication.]

AUSTRALIA, SOUTH—PORT DARWIN ENTRANCE.

Point Emery light.

THE President Marine Board, Port Adelaide, has given notice (No. 6 of 1900) that a temporary Fixed White Light is now exhibited from Point Emery at a height of 65 feet above high water-mark, and is visible from an ordinary vessel's deck at a distance of 6

The structure from which the light is shown is built of wood and painted white.

The arc of illumination is from N.W. by N. $\frac{1}{2}$ N. round by W. to S.E. by S. $\frac{1}{2}$ S. Bearings magnetic.

This notice affects Admiralty Charts Nos. 18, 613, and 1044, and Plan 925.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, OCTOBER 31, 1900.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 273.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Chittagong river—Depth of water in the Outer bar.

With reference to Notice to Mariners No. 252, dated the 17th October, issued by this office, a further telegraphic communication has been received from the Port Officer, Chittagong, stating that soundings taken on the Outer bar on the 20th idem give the following depths:—

| | | | |
|---|-----|-----|------------------|
| Track, disc on with mast, cask and ball | ... | ... | 11 feet reduced. |
| New Track for Pilots only | ... | ... | 12 " " |

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 23rd October 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 274.

[First Publication.]

Admiralty Charts.

The following Notice to Mariners issued by the British Admiralty (No. 643 of 1900) is republished for general information:—

In connection with arrangements at the Hydrographic Office, a second or "new" number is now being placed on all Admiralty Charts in the left-hand lower corner and in brackets, thus [1794].

These new numbers will approximately follow the consecutive order of the Charts as they stand in the Catalogue of Admiralty Charts, and may possibly in the future come into general use, but for the present no notice whatever should be taken of them by Navigating Officers of H. M. Ships, Sub-agents for Charts, or Mariners, and others using the Admiralty Charts, and the Charts should be quoted as heretofore by the number in the right-hand lower corner of every sheet.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 26th October 1900.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 275.

[First Publication.]

AFRICA, EAST COAST—POMBA (MWAWBI BAY).

Intended lights and buoys.

THE British Admiralty has given notice (No. 618 of 1900) that it is intended to exhibit the undermentioned lights at Pomba bay:—

1. On north point a *fixed white* light, showing a *red* sector over the sand spit extending from South point. It will be elevated 45 feet above high water, and visible in clear weather from a distance of 9 miles. The lighthouse is an open lattice iron tower.

2. A *red* light will be shown from a jetty now under construction.

The sand spit off South point will be marked by a black buoy in 9 fathoms. (*Notice No. 618 of 1900.*)

Approximate position, lat. $12^{\circ} 55' 50''$ S., long. $40^{\circ} 31' 20''$ E.

This Notice affects the following Admiralty Chart:—Mozambique harbour to Ras Pekawi, No. 1809: Also, List of Lights, part VI, 1900, page 12, Africa Pilot, part III, page 308.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 26th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 276.

[First Publication.]

AFRICA, EAST COAST—DELAGOA BAY.

Pilot hulk's position altered.

THE British Admiralty has given notice (No. 620 of 1900) that the Pilot hulk, formerly moored near Cockburn shoal buoy, has been moved, and is now situated with Inyack lighthouse bearing S. 2° W., distant $3\frac{1}{2}$ miles, and Gibbon point beacon S. 76° W. (*Notice No. 620 of 1900.*)

Approximate position, lat. $25^{\circ} 55' 15''$ S., long. $32^{\circ} 58' 10''$ E.

CAUTION.—As this Pilot hulk appears to be liable to be shifted in position without notice, it is evident it cannot be relied on as a navigational mark.

(*Variation 23° Westerly in 1900.*)

This Notice affects the following Admiralty Charts:—Delagoa bay to river Zambesi, No. 648; Tugela river to Delagoa bay, No. 2089; Delagoa bay, No. 644: Also, Africa Pilot, part III, 1897, pages 194, 195.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 26th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 277.

[First Publication.]

AFRICA, EAST COAST—PORT MOMBASA.

Intended light on Ras Serani.

THE British Admiralty has given notice (No. 622 of 1900) that, about the end of September 1900, a light will be exhibited on Ras Serani, Port Mombasa.

Ras Serani light will be *fixed white*, shown from a steel mast, 60 feet high, situated at the back of the Inner Pillar; it will be visible from a distance of 12 miles between the bearings S. 60° W., through west, and N. 20° E. (*Notice No. 622 of 1900.*)

Approximate position, lat. $4^{\circ} 4\frac{1}{2}'$ S., long. $39^{\circ} 41'$ E.

This Notice affects the following Admiralty Chart:—Port Mombasa, &c., No. 666: Also, List of Lights, part VI, 1900, No. 62; African Pilot, part III, 1897, page 491.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 26th October 1900.

C. B. BAYLEY,
Asst. Secy., Marine Department.